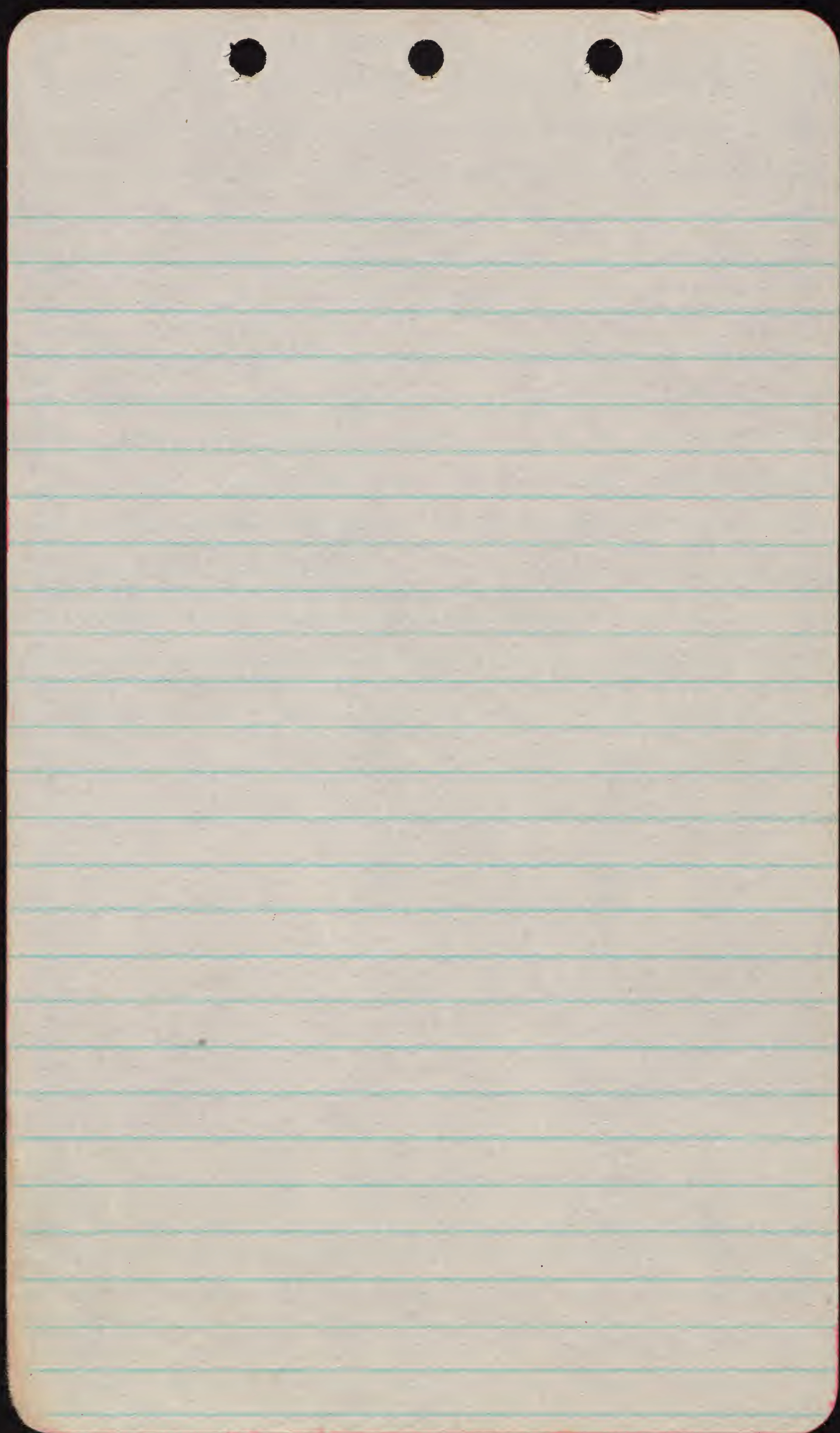


Field Notes

Hawaiian Islands

1923

G. Wetmore.



Supper

July 18 1
19 3
20 3
7

ink
cotton

2 cans beans
2 loaves bread.
1 lb butter
1/2 doz bananas
1 can peach
1 can jelly
molasses.

Film 1.35
Lunch 8.00
cotton 30
ink 15
gro. 3.02
lv

2 cans beans
1 lb bacon
1 lb. butter
1/2 lb. frankfurters
2 loaves bread.

salt.

2 cans peas
1/2 doz bananas
1 can peaches
1/4 pk. spuds.
1 can jelly
molasses

pepper

fry pan
knife fork spoon
plate
cup.

San Fran

- ✓ 10x12 tent with mosquito net & fly.
- ✓ strap for suitcase.
- ✓ canvas wrap for collecting case.
- ✓ 22 amm.
- ✓ 1500 16g. shells.
- ✓ butts & carrots
- ✓ army cots
- ✓ 3 rifles
- ✓ canteens
- ✓ 3 lbs powdered alum.
- ✓ 1 qt formaldehyde ~~in qt can~~
- ✓ 5 lbs naphthalene
- ✓ gasket for tank
- ✓ 30 lbs communal.
- ✓ 2 qt carbon browned in qt cans
- ✓ 15 yds mosquito netting 1 yd wide
- ✓ 1 duffle bag
- ✓ 10 bales alfalfa
- ✓ 4 lbs absorbent cotton
- ~~✓ 1 pair leggings #14~~
- ✓ 1 sleeveless coat.
- ✓ 2 trousers
- ✓ 2 shirts
- ✓ canvas shoes.
- ✓ spray pump.
- ✓ starch

- ✓ ~~1 large skinning knife~~
- ✓ 3 doz Kodak film 6 exp.
- ✓ rubber bag
- ✓ pressure eye blowers
- ✓ ~~holocaust~~
- ✓ Search light
- ✓ extra tent pole
- ✓ Case for rifle (45 in)
- ✓ towel
- ✓ first aid outfit.
- ✓ note book cover
- ✓ filler
- ✓ pen
- ✓ ~~lamp 8x16 with rings~~
- ✓ gas stove.
- ✓ ~~Hay~~ Producers Hay Co.
- 176 Townsend
- ✓ 3-5 P. M. Monday.
- ✓ 38-55 shells & cleaner
- ✓ 22 cleaning rod
- ✓ Corrosive sublimate.
- ✓ surgeons needles & silk 2 therm. / case
- ✓ Bichloride tablets.
- ✓ Post office.
- ✓ pen & ink
- ✓ 2 P Kg needles

letter to Bailey

Dabene

Fiebrig

Hensen

get ~~Dabene~~ Figgins to write to Dabene
Guanacache
mosquero

write Harold Cook

Dincluis

Figgins

✓ Benzyl Benzoate

✓ Benzylets

Soluble Gelatin Globules. 5 minims
Sharpe & Dohme, Baltimore.

~~4 bottles.~~

✓ emery cloth

✓ 38/55 cleaner

✓ shirt

✓ key ring

✓ soft solder.

Shippment

20 bales alfalfa

1 box cornmeal, starch

Shipped to Honolulu

20 bales alfalfa

1 bx cornmeal, starch & socks.

2 bales (lints)

4 boxes (3 amm. 1 misc)

2 bds (tent poles)

2 amm.

(shotgun shells in one case
rifle shells in two cases)

With me.

3 chests

1 chest for Rem.

2 alc. tank

1 bed

2 expr. pkg.

1 coll. case

- ✓ Absorbent cotton
- ✓ Canvas shoes.
- ✓ rubber bag
- ✓ hobnails
- pressure egg blower
- ✓ Benzylite
- key ring
- ✓ soft solder

himits
Pemberton Paper.

dry $\frac{3}{24}$
 2 shirts
 1 union suit
 1 pajamas.
 4 handkerchiefs
 2 wool socks
 7 soft collars
 2 hard collars.

Comm. King	9:30
Mr. Judd	1:50

J. Fickens.

King 2726

C. H. Judd.

Secy Board of Agriculture

King.

Chart corrected Notice to Mariners IV 6, 1923.

Buy in Hono.

~~3 gasoline~~

~~lawn~~

~~lawn~~

~~Formaldehyde.~~

~~alcohol~~

~~15 yds mosquito netting~~

~~3 canisters of~~

~~benzene for spirits~~

~~7 barrels 3 (birds)~~

~~sapothill 5 lbs.~~

~~batteries~~

~~Canvas.~~

~~new papers (birds)~~

~~Balladite~~

~~Candles.~~

~~salt~~

~~Cans from Judd~~

~~2 lanterns~~

~~oil~~

~~3 nails~~

~~3 screws~~

~~Pandanus~~

~~20 lbs canned~~

~~stew~~

~~Martin.~~

~~Staples.~~

~~tooth powder~~

~~Soap.~~

~~Hon. Capt. Dray~~

~~Bishop & Halottan~~

~~Hon. Int. Trading Co~~

~~76 Britannia~~

~~gun~~

~~gunny sack~~

~~Soap~~

~~lark~~

~~Fullaway Expr. Co.~~

~~radio~~

~~Marking pencils~~

~~2 screws~~

Oahu Bed Mfg Co.
570 N. King or 87 N. Kukui

J. Hopp. & Co. 185 S. King.

Slip Chandlers
E. O. Hall, Fort & King.

Hawaii Shoe Co. 4 boxes.
1031 Fort St.

M^o Drury 4 boxes.

E. O. Hall, Co. to be del.
2 stoves 4 1/2 P.M.

4 extra wicks.

2 lanterns

2 globes.

3 candles

1 Hammer

1 Saw

1 roll strap iron

~~Strap iron~~ to be mail

May Co.	
20 lbs communal	1.20
8.5 lbs (4/0 (1/2) talb salt.	1.20
16 PKgs. gloss starch	.85

Amur Factoris
1 cs. Koro.

Coyne
1 bale Excelsior. 144

chest 5

Bed

calc. tank 2

Suitcase 2

collecting case 1

bcls. 1

strych. box 1

bag 1

news papers 2 vcls.

curtains 1

lighthouse or lighthouse is down?
In taking bearing a point
30 ft. north of northernmost of two
coconut trees will give location
of light house.

x	Wetmore	Cot & bedding
x	Reno	- do
x	Dickey	- do
	Ball	
	Grant	Cot
	Cann	
	Thassum	
	Thompson	-
	Eckelmann	-
	Falloway	
	Steward	-
	<u>mess attendant</u>	
	Dr. Wilson	
	Midway	

Dr Wetmore	—	1 tent
Dickey	—	1 tent

ASH	—	3 tents
-----	---	---------

Laysan 4/8/23
 Monachus schauinslandi ♀ 12:00 ♂
 ♂ 2135 T 175 H.F 365 ♀ 96.7 ♀ 95.6
 ♀ 2365 T 180 " 380

4/9/23 12:00 12:00 12:00
 Diomedea immutabilis ♂ 101.7 ♀ 101.0 ♂ 101.0
 12:15
 ♀ ad. 104.0

6771 ♀ ad
 2 ♀ ad.
 3 "
 4 ♀
 5 ♂ 2 ♀
 6 ♂

Laysan 4/10/23

Anous ^{8:45} ♂ ad 163.0 ♀ ad 102.0

^{Small 9:00 large} Puffinus ♀ 101.5 ♀ 105.0 10:15

^{10:00} Fregata ♂ ♀ 104.5 flying ♂ 103.8 at rest

^{10:15} ♀ 106.3 flying
^{11:00} D. nigripes ♂ ad. 105.4

6777 ♀ ad

6778 ♂ ad.

6781 ♀.

2

3 ♂ ad

4 ♀

5 ♂ test o

6 ♀

7 ♀

8 ♂ ad.

9 ♀ ad.

90 ♂ ad.

Laysan 4/11

Numenius tah.	♂	9:00	105.6	♀	9:45	104.6
Puffinus nativitatis	♀	9:15	102.6	♀	9:30	102.5
Sterna lunata	♀	9:30	105.0	♀	9:30	105.2
D. immutabilis	♂	10:45	102.6	♂	10:45	102.2
				♂	11:00	104.2
				♂	11:00	101.8

4	♀ ad.	
5	♀ ad.	
6	♂ ad.	14 ♂
7	♂ ad.	
8	Fregata	♂ ad.
9	Numenius	♂
10	"	♀
11	"	♀ ad.
12	"	♂ ad.
13	"	♀
14	"	♀
15	"	♀
16	"	♀
17	"	♀ ad.
18	"	♂
19	"	♂ ad.
20	"	♂
21	"	♂ ad.
22	"	♂
23	"	♂ ad.
24	"	♂
25	"	♂ ad.

Press Bull. 4/11

U.S.S. Tanager under Commander King has arrived at Laysan Island and members of the Scientific Staff party have been established in camp on shore. Investigations in different branches of science are well under way.

Midway

Kerr

Mallards come in winter very weak.

Geese, gray marked peculiarly about head with black or white, pink feet & bill.

Web-footed bird, gray, with a "Knob" on the bill.

Mr. Gesspold in cable office in Honolulu has a photo of it. Photo taken near sewer on back.

Laysan 4/12/23
 Charadrius d. fulvus ♂ 9:30
 rabbit ♀ 4 embryos 11:00 a.m.
 Sterna fuscata ♀ 104.0 ♂ 104.0 ♂ 104.6 ♂ 103.4
 11:00 a.m.
 ♀ 103.0 11:15 a.m.
 Arenaria ♂ 105.1 ♂ 105.2 ♂ 106.2

6822 ♂.
 3 "
 4 "
 5 "
 6 ♂ ad.
 7 "
 8 "
 9 ♀ ad.
 30 ♂ ad.
 31 ♂ ad.
 2 ♀ ad.

6817 ♂
 6816 ♀
 6815 ♂ ad.

6833 D. nigripes Skel. ♀
 34 ♀
 5 ♀

Laysan 4/13/23 9:30

Hawaiian Noddy ♂ ad 102.2 ♂ ad 103.6

♂ ad 103.6 ^{10:00} ♂ ad 103.6 at nest

Sterna lunata Ker Ker usual term
call. Katee Ka tui that

may be imagined as wide awake
the common name

Anous stolidus ♂ ad 103.7 ^{9:45} ♂ ad 103.2

♀ ad 103.0 ^{10:00} ♂ ad 103.0 at nest

10:00

Sterna lunata ♀ ad 107.6 ♂ ad 106.5 ♂ ad 107.6 ♂ ad 107.6

♀ ad 108.4 ♂ ad 106.4 ♂ ad 106.6 ♂ ad 105.6 ♂ ad 105.0

Birds shot as they alighted after

~~6836 ♂ ad.~~

6837 ♂ ad.

8 "

6849 ♂ ad

50 ♂ ad.

+ Bishop Mus.

9 ♂ ad.

1 " 2 ♂ ad.

6840 ♂

3 ♀ ad.

x 1 ♀ ad

4 ♂ ad

2 "

x 3 ♂ ad.

x 4 ♀ ad.

x 5 "

6 ♂ ad.

7 ♂ ad

8 ♂ ad

D. immutabilis ♂ ad

#528 Shot # III
North Pacific Ocean

Ocean eld. ^{4/17}
Monachus ♂ 96.4 ♂ 96.4 8:30 a.m.
Large ♂ W. 2315 T. 170 H. F. 345
Small L 2990 T 145 H. F. 330

Ocean Id 4/18

♂ imp L. 1115 T. 110 H. F. 220

♀ 2 yr old L. 1770 T. 145 H. F. 295

Sula leucogaster ♂ 106.2 ♂ 104.8 ♀ 105.9

Frigate bird ♂ zigzag in air
pouch full, pendant blowing
in wind uttering mellow purring
rattle.

Sula leuco. nest on ground
in open space. a slight mound
of *Scaevola* stems with green
leaves of *Baccharis* plucked near
at hand one egg in depression
Bird waddled about with squawks
& spread wings

Sula leuco. ♂ 106.4 ♂ 105.0 ♂ 106.4

♀ 105.2

rat ♂ 99.0

Pterodroma hypoleuca ♂ 104.8 ♂ 105.4

call a snarling croak like that
of leopard frog. Birds circled
in two & threes above bushes
apparently mating.

6860

♂

~~♂~~

leucogastra

1

♂

g

male face +
pouches

2

n

3

♂

4

"

5

"

6

"

7

♀

8

"

9

♀

70

1

2

3

♂

4

"

5

♀

6

♂

7

"

8

♀

9

"

B.M.

Ocean dd 4/19
 Heteractylus ♀ 10.5.4
 Frigate Int. 10.5.4

688 2 ♂ ♀ g.
 3 ♀
 4 ♂
 5 ♂ adj.
 6 ♂ ad
 7 "
 8 ♀ ad
 9 "
 90 ♀ ad.
 1 "
 2 ♀ g.
 3 " g.
 4 ♂ g.

18 ♀ ad.
 19 ♂ ad.
 20 ~~♀~~ ♂ ad.
 21 ♀ ad.

Ocean d.b.

4/20/23

P. rubricauda ♀ ad 105.6 ^{11:00} ♀ ad 102.4 (on net) ^{12:00}

S. fasciatus ♀ ad 107.0 ^{6:30} ♀ ad 107.0 ^{12:00}

Bulweria ♂ 103.0
large dark patch

6896 ♂

7 "

8 "

9 ♀

6900 ♂

1 ♀

2 ♀

3

4 ♂

5 ♀

6 ♀

7 ♂ ad.

8 ♀

9 "

10 ♂

11

hypoleuca in flapping
raises wings above
center of body. battle
g. cuneatus fans
wings an equal
distance above +
below median line
of body.

g.
g.
g.
g.
g.
g.

Ocean d.b.

1 box bds

2 box 5 Kelatans

16 ♀ ad.

17 ♂ ad.

18 ♀ ad.

Ocean dd. 4/21/23 8:15
Sula sula 104.4

4 ♀ ad 9
69 1/6 ♂ ad.

7 ♀
9 ♂ ad
30

1 ♀ ad
2 "
3 ♂ ad

4 "
5 "
6 "

7
8

9 ♂
40 ♂

1 ♂
2 "
3 ♂
4 ♀
5 ♀

6

7 ♂
8 ♀ ad

9.
9.
9.
9.

Midway 4/22/23

Sooty Tern! arr. Feb. 15, 1923 early
than usual as ordinarily comm. hatch
begin leave Sept. & all go in Oct. leaving
many helpless yg.
gulls arrive Oct. leave Jan -

Midway 4/23/23

8:00
Telapuzza ♂ 106.8 ♂ 106.8 ♂ 107.5
♀ 108.4 ♀ 106.6 9:30 10:15
Pezomachus ♂ ad 105.1 ♂ ad 104.1 ♂ ad 102.6 ♂ ad 104.8

9:00 9:00
Gygis ♂ 105.8 ♂ 105.8
Heteractis ♂ 103.0

P. cuneatus ♀ ♀
B. piscator ♀
S. leucogaster ♂
B. subvirens ♂

Midway Mr. Axelrod

White-tailed Tropic bird.

occurs rarely. ~~some taken~~

Between 1906 & 1908 rail about on
Eastern Island & were then brought
to Saint Island.

Two geese.

Mallards & teal

but small

Small "hawk"

Midway 4/24/23

Canary Fed. 8:00
108.0

D. nigripes ♀ 9:30 101.0 ♂ 10:00 103.0

D. immutabilis ♂

Sterna fuscata ♀ ad

Arenaria ♂ 11:00
106.0

Rail ♀ ad 11:45 105.0 : 12:00 105.8

E. Decapoda

50 ♀ ad

6951 ♀ ad. "g

2 ♂

3 "

6 ♂ ad. "g.

Pearly Hummer Aug 4/66

67	g.	69	2	♀ im.
7	ad.	63		Imm.
8	♂	64		ad.
69	ad.	72		ad/g
70	ad/g.	3		ad.
6971	ad.	4		ad/g.
		5		"
		6		ad.
		7		ad.
		8		"
		79		ad/g.
		80		♀ g.
6981		♀		g.
82		♀		"

Pearl & Hermes 4/27

6983 Middle Island

Megalopterus ^{9:15} ♂ 10.5.4 ^{9:30} ♂ 06.4 eggs & yg

Anous s. pil. 20 pairs yg.

Black-footed Albatross 800 pairs yg

Laysan Albatross - 100 pairs, yg getting feathers

Pterodroma hypoleuca, 1 adult.

Wedge-tailed Shearwater. 50 pairs

Frigate bird not breeding

Red-tailed Tropic-bird 2 pairs

Turnstone

Tattler

Golden Plover

Curlew

About 200 yards long x 75 yards wide
crest covered with grasses
coral sand beach.

30 seals.

4/27

♂ 11:30
♀ ad; 01.8

049.2-00
1-28

222

80 pairs

Hawaiian Term

glauco gall

Golden Plover

Curlew

Letter

Drop in!

8 Jan.

11

2 June.

D. nigripes

P. subcaudatus

Megalopterus

back

Pterodroma hypoleuca
S. f. - 1 H - 3

Olana Kuveld
P. i.

D. nigripes
Fraseri

Angaria

♀

P. N. Aug. S.E. Id. 4/25/22

^{8:45}
Sula cyanoptera 103.5 ^{9:00} 110 4.6

Monachus	1390	90	270	♀
	1940	120	200	

Lantern in use from 10th on

Salt 200 lb. 5-10 lb. bags.

cornmeal 150

cotton 6 lbs.

~~candy~~ film 4 doz. 6 ex.

film for development

glasses

boxes 8 shoe

cigar boxes 2 doz

newspaper helluvalot

look the past 2 Koly nos

birds

oven. New Projection # 62

2 large size wash basins

1
Lantern

Elkhorn

boxes 1111

7006. ♂.

Laysan Id. 5/2

^{9:15} Bulweria ^{9:30} 99.0 ^{9:30} 97.2 ? ^{9:30} 97.8 ^{9:30} 97.4
 in crevices ⁷⁰²⁷ ⁷⁰²⁸ ⁷⁰²⁹ ⁷⁰²⁶

Beach sand here much finer than at Pearl & Hermes where island is lay 200-300 yds inside reef & was protected from surf.

Decrease in albatrosses.

25 ps. gulls at blowhole.

Megalopterus making nest from bits of grass + red algae.

Heteractis ^{10:00} ^{10:05} 7024

Iregata ♂ ^{10:35} 102.0 males with balloons fully extending swinging them sideways to rub them on breast of female who rests on opposite side of breast.

7011	♂ ad.	24	♂ ad
2	♀ ad.	5	♀ ad
3	♂	6	♂ ad.
4	♂	7	♀ ad
5	♀	8	♂ ad.
6	♂ ad.	1	♂ ad.
7	"	2	"
8	"		
9	♀ ad.		
20	"		
1	♂ ad.		
2	"		
3	♀ ad.		

Wanted: Laysan

<i>D. immutabilis</i>	20 10	3 4	49.	
<i>D. nigripes</i>	20 8	35	99.	#fakes
<i>P. maculatus</i>	20 5	35		
<i>P. cuneatus</i>	10 6	25		
<i>Pter. hypoleuca</i>	15			
<i>Bulweria</i>	20 10			
<i>O. Tristrami</i>	25			
<i>Phaethon</i>	15 10	125		
<i>S. cyanops</i>	15 8	20		
<i>S. procelator</i>	15 10	35		
<i>Fregata</i>	15 10			
<i>S. fuscata</i>	15 10	35		
<i>S. lunata</i>	15	25		
<i>Megalopterus</i>	10	25		
<i>Anous</i>	10	25		
<i>Gygis</i>	12 6	125		
<i>Delispyga</i>	10 7			
<i>Pter. tangerina</i>	10			

Japan May 3.

Phaeton ♂ 8:45 104.0 Jul 102.8 ♂ 9:15 102.6
7039 7040

Turtle, small on fine sand uses same flapping motion as in water. slow shell plow to a crawl.

Phaeton in flight, fat extended back so that black of distal part forms a black patch on either side of tail continuous with black tips of posterior flank feathers.

Bill a dull red. becoming orange on ramus of mandible. a dirty black line from nostril to feathers. iris deep brown. tarsus & distal joints of toes ^{with feet below} olive gray. rest of toes and webs black. nail on hind to black.

outer side of ^{inner} toes light nearly to tips. of outer toe to end of second joint

Bulweria ♂ 97.6 ♀ 97.6 . note a low ^{soft} warbling call, boo boo boo boo with a purr-like guttural inflection and a suggestion of a clouth note. reminds me of tico tico.

Phaeton, upper mandible opens widely with rear of mouth closed. lateral margins of chamber approach & fleshy tip of tongue slips behind fleshy ~~thin~~ ^{thin} protection of

7033 Dec Bailey -

4 ♂ ad.

5 ♂ ad. Bailey,

6 ♂ ad.

7 ♀ ad.

8 ♀ yg.

9 ♂ ad.

40 ♂ ad. to Bishop Mus.

1 ♂ ad.

2 "

3 "

4 ♀ ad.

5 ♂ ad.

6 ♂ ad.

7 ♀ ad.

8 ♂ ad.

7051 "

2 "

3 ♂ ad.

4 ♂ im.

5 ♂ ad. to Bishop Mus.

6 ♂

7 ♀ im.

8 ♀ im.

9 ♀ im.

60 ♂ im.

1 im.

2 ♀ yg.

3 ♂ ad. Bish. Mus.

Laysan 5/4/23

D. nigripes Two females have excavated little nest cavities in sand, one beside her half grown young, in which she rests turning about and working sand with bill.

Another with no young had worked out a similar hollow and was turning about in it. Her mate sailed in and dropped beside. And the birds in alternation worked the bill in pattern of head of they then stalked solemnly about looking down beneath as though for an egg.

As I sat in the sand watching 4 Laysan came up curiously, then a pair of *nigripes* & finally the pair I was watching came strolling up.

In walking the neck is drawn in the head lowered & bill pointed forward with the bird moving with a stiff hind awkward walk.

Phaetodon 10:00
104.3

Puffinus cuneatus 8:15
104.8

~~705!~~ Laysan 5/5/23
8:15

Sula piscator ♂ 103.4

Sterna fuscata female drops in & male
struts before her with quick mincing
steps, wings hanging out from
sides, neck extended and head
turned sideways. ~~Prey~~ Area right
well marked and intruders driven
out with open bill. In trading
male stands on l who crouches
prostrate. Does not take neck hold.

Species	7072	9:00	7073	9:00		
Phaeton	184.0		103.4		9:45	10:00
D. ingrupus	105.6		101.6		101.8	101.1 100.9

Sula cyanoptera ♂ 10.15
105.6

Telespiza cantans ♂ 10:30
108.0
21

Fregata ♂ 3 lbs.

D. nigripes	7864	6 lbs. 2 oz.
	7865	6 lbs.

" 7065 6 lbs.

11 7066 5 lbs 8 oz.

" 7067 5 lbs 4 oz.

7068 560 10²g.

Sula cyanopt. 7069 4 lbs 4 oz.

7070, 4660 243

<i>P. inimitabilis</i> C.E.R.	75	5 lbs	1 ad.
"	76	5 lbs 3 oz	8 ad.

76 5 lb 3 oz - 8 ad

7064 ♂ ad.

5

"

0

6

♀ ad

Bairby

7

♂ ad.

Bairby

8

♂ ad

9

♂ ad.

Bishop Mrs

70

"

1

♂

2

♂ ad

3

"

4

♂ ad.

5

"

6

♂ ad.

7

♂ ad.

8

"

9

"

Anas layardensis

♂ ad. Line of culmen for width of nostrils, nail and extreme base of lower edge of tomia at base, dull black. a faint slaty gray band across tip of bill behind nail rest of upper mandible dull olive gray. Lower mandible same color, nail storm gray, web between ram. dull orange brown mottled with blackish

tarsus & toes orange, nails fuscous iris Vandyke brown.

♀ ad. mandible dull blackish, with a faint orange wash on sides. a faint slaty gray band at tip. lower mandible dull orange brown nail, fuscous iris, bone brown tarsus & toes dull orange, nails fuscous.

7123 ♂ ad.

4

"

5 ♀ ad.

6 ♂ ad.

7 ♀ ad.

8 "

9 ♂ ad.

30 "

7119 ♂ ad.

20

"

21 ♀ ad. B.M.

22 ♀ ad.

	Final	Actual count	
<i>Sula cyanops</i>		160	
" <i>placator</i>		77	
" <i>leucogaster</i>		2	
<i>Fregata</i>		1377	
<i>Diomedea immutabilis</i>		3074	gg
" <i>nigripes</i>		4232	gg
<i>Puffinus</i> <i>cinnamomeus</i>		775	(5 to each albatross) 1000 est.
" <i>nativitatis</i>		2000	est.
<i>Bulweria bulweri</i>		750	est.
<i>Phaethon</i>		80	est.
<i>Fulmar</i>		100	est.
<i>Larus</i> <i>delawarensis</i>	14		#
<i>Larus</i> <i>Pearl</i>	2 + 8		
<i>Himatione</i>	3	0	
<i>Muller</i> <i>bird</i>	1(?)		
<i>Sterna lunata</i>	900	estimate	
" <i>fuscata</i>	12000	"	
<i>Megalocephalus</i>	600	"	
<i>Anous</i>	500	"	
<i>Gygis</i>	80	count	

Laysan 5/9
 Anous 65 - 65 - 50
 Sturna lunata 20 - 30 - 100 - 100 - 100 - 150 - 30
 M. hawaiiensis 40 - 20 - 200
 Laysan 25 - 40
 S. fuscata 50

P. rubricauda 10:30 11:00
 103.6 102.6

Bulweria 10:30 10:45
 99.8 100.8 100.6

Laysan - clatter bill, point bill
 up & groan, fence with bill
 shake head from side to side
 rapidly, bow quickly & step
 about sideways, from wing.
 Cares in another.

Kewee Kewee Kew, Kewee Kewee Kew
 mouth open, looking down
 as though at egg. Then
 crouch to cover egg.
 D. immutabilis 10:05

D. nigripes 11:30 11:30
 702.5 101.0
 7131 ♀ ad. 37 ♂ ad.
 7132 ♂. 5 ♀ ad. B.M.
 3 ♂ ad. Bredup M. 9 ♀ ad.
 4 ♀ ad. " 40 ♂ ad.
 5 ♀ ad. 1 ♀ ad.
 6 ♀ ad.

7143 ♂ ad. B. M.

4 " "

5 ♂ ad. "

6 ♀ ad. "

7 " "

8 ♂ ad.

9 " "

50 " "

1 ♀ ad.

2 " "

3 ♂ ad.

4 ♀ ad.

5 " "

6 ♂ ad.

7 ♂ ad. B. M.

8 ♂ ad. B. M.

9 ♂ ad.

60 ♂ ad.

1 ♀ ad.

2 ♀ ad.

3 ♂ ad.

Laysan 5/11 ↑ 5:15 a. ♀ 6:30
Puffinus nativitatis 100.3 ♀ 103.0

~~Go~~ Kah-to Koo-oo-oo Koo Koo Kah
varied & inflected variously
male extends neck & raises head,
sometimes repeated by female. Love
making confined to such and
rather rough preening of head and
touching of bills. I alert & active
punning about, when first rays of
sun appeared some dropped in
shade of rocks while others came
out to sleep in warmth.

Rise easily in flight from resting
posture & resemble pigeon on wing
wing flapped with short quick strokes.
& raised above body. scold-call on wing
all at sea.

Waddy stalk solemnly about
head stiffly erect, males approach
look long with open mouth &
posture, then strike at one another

Wedge-tail coo-oo-oo - aw-w
expiration with first note inspiration
with second.

7164 ~~♀ ad.~~ ♀

5 ♀ ad.

6 ♀ ad.

7 ♀ ad.

8 ♀ ad.

9

70¹⁰ ♀ yg.

1 ♂ ad. B. M.

2 ♀ ad "

3 " "

4 ♂ "

5 " "

6 ♂ "

7 " "

8 " "

7182 ♂

3 "

P. cuneatus

Laysan 5/11
7:00
1938

7188 ♀ yg.

9 ♂ yg.

90 ♀ yg.

1 ♂ yg.

Laysan 5/12

Monachus ♀ 96.9

in bullet hole

7185 ♂ ad.

7186 ♀ ad.

7 "

7:30 P.M.

~~7919 ad.~~

92 ♂ ad.

93

94 ♀ ad.

95 ♂ ad.

6 ♀ ad.

7 ♀ ad.

8 ♂ ad.

1189 ♂ ad.
1182 ♀ ad.

1128

9

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

Sand Wm. S. Midway I. via Honolulu.

Mr. Fraser, Bryan's Key to Hawaiian

Birds.

x 100 bands for albatross.

W Reports on birds.

x also report on Laysan I.

Ship's flashlight

Wetmore

Naig

Return specimen of Cypripedium caput-
Serpentis from Ocean Island from to
Thaanaum.

2 12x14 tents with fly and
front extension, poles and pegs.

2 burner Kerosene stove

50 gals coal oil in 5gal cans.
dishes

Army cot (for self.)

1 bale fine excelsior in blanket.

5 lbs arsenic

2 lbs alum

50 lbs cornmeal.

Canvas tarp 8x16 ft.

Formaldehyde $\frac{1}{2}$ gal.

alcohol tanks 1-1 gal. one ~~two~~ larger.

alcohol for above

1 box for insects

15 yds mosquito netting. 1 yd wide

2 large 1 small duffle bag.

1 large duffle bag for assistant.

Bisulphide

baled alfalfa

starch.

2 10 gal milk cans for water

drying frame of canvas for spec.

1 small tarp 8x8

2 field chests with trays.

20 lbs absorbent cotton

10 lbs common cotton

150 - 16 ga \$ 12
50 - 1 " \$ 2
500 48
500 46
1000 avg

2. avg 16 ga.
boxes for spec. R.d.
12 aid outfit
38-55

Lawrence
rifle ~~to~~
case for rifle
Hinsley
Lance
Heworth
Blackmar
Martin
Simmons

Laysan 5/17/23
 Bulweria 9:15 100.3 99.1

Laysan Albatross tries to shove
 half-grown young who protests
 with vigorous snaps as parent
 tries with huge wobbled feet
 to climb aboard. Parent pummels
 young & after several unsuccessful
 attempts backs up against it
 & stands with neck thrown back
 and head on one high.

Sula cyanops ♀ 104.6

Anas ♂ 10:15 109.0 ♂ 10:30 107.6

P. nativitatis ♂ 10:30 102.6 ♀ 101.2

Laysan ♂ 11:00 107.7 ♀ 107.7

7094 ♂ 7103 ♂ ad.

5 ♀

4

6 ♂ ad.

5

7 "

6 ♂ ad.

8 ♀ ad.

7 "

9 "

8 ♀ ad.

7100

9 ♀ ad.

1 ♂ ad.

2

Laysan 5/6/23 9:00 9:15 9:15
 D. nigripes 102.4 104.5 103.0 103.1

" 9:00
 Icthyophaga cantans 107.8

D. immutabilis 9:30 106.2 Taken while dancing.
 103.0 103.1

D. nigripes 7083 6lbs
 " 7082 5lbs 10oz.
 " 7084 6lbs. 2oz.
 D. immutabilis 7091 4lbs. 8oz.
 7092 4lbs. 6oz.
 7093 4lbs. 10oz.

7079

80 ♀

1 ♂ ad.

2 ♀ ad.

3 ♂ ad.

4 "

5 ♀ ad.

6

91 ♀ ad.

92

93 ♂ ad.

Anas layanensis

♂ 106.4 ♀ 106.8

♀ 109.2 ♀ 108.4

Purchases

1 knife, ~~star~~
Cotton
Boxes
Kodak film
long needle.
? Arsenic
? Thread

Collecting gear in part on Friday
by 4:00 P.M.

Determin

✓	Watson	}
✓	Schlemmer	
✓	Edmondson	}
✓	Pollack	
	Chatham	
	Grant	}
	Anderson	
✓	Bryan	

cook tent
store tent.

Grant Schofield 438 Ring 2 1247
Gregory 6:30
And part of Alapai.

King. at office Thursday.

alcohol - Ball -

T.N.T. is in Burns?

✓ Thursday.
✓ Schlemmer 8:00 a.m. pay him for fuel
✓ Museum - Anderson 9:00 a.m.
✓ Cooke - Bird bones.

Gregory.
pay ~~substance~~ ^{substance}.
movie exhibition

Press notices.

who is Anderson to deal with.

copy of Thurnis annual.

King 1:30 P. m. with Johnston dd. map.
discuss Wake dd trip.

11

Birds

- ✓ 2 br. # 8 chilled shot. T.N.T.
✓ + 15 water breakers
✓ Tent 5 marine Wetmore tent.
✓ Tent fly & canvas
✓ sack ammunition
✓ sets tent poles
✓ tent pegs.
✓ tool box
✓ salt & communal
✓ food supplies
✓ cooking gear
✓ 10 mess kits complete.
✓ shovel, pick & ~~axe~~.
✓ sack with canteen, etc.
✓ 10 army cots 10 bedding, 10 mattresses
✓ 4 ex. excursions
✓ 2 civilian canteens

add to pool list

✓ eggs, 1/2 can oranges

box for specimens
stores at E.O. Halls.

Personnel, Johnston Id.

Wetmore

Schlemmer

? Anderson

Bryan

Grant

Thaamun

Edmondson

Palmer

Mann

- ✓ 1 large net
- ✓ large alc. tank
- ✓ 1 doz. qt. glass jars
- ✓ botanical supplies
- ✓ dredge
- ✓ water glass
- ✓ 2 formaldehyde 1 gal.
- ✓ 2 ase. gal. jars
- ✓ botanical case
- ✓ 3 crow's foot ends
- ✓ 2 tops for cots (Thurston)

Anderson 2 Blue 744
 Toss. 5.00 p.m.

Then observed
 Sturnia fuscata
 D. maculosa
 Blue headed vireo
 Buteo lineatus
 Reddy tailed skua
 3500 ft
 5 hours
 8 ft
 1 ft
 2500 ft

level. surface covered with
grass, Portulaca, Boerhaavia, & Tribulus
soil scant much coarse coral sand.
Whale Island 150 yards east

Whale Id.
Sterna lunata 4-10 prs. yg grown
 " *fuscata* 125 " eggs & yg
Sula piscator 1-1-1-1-1-10
 " *cyanoptera* 8-3-60
P. nigrifus 8-10-70
P. immutabilis 1-1-1-1-20
Anous 200-100
E. cinnamomum 500 prs.
Fregata 6-50

Id. 400 yds long x 125 yds wide
 10-12 ft high, considerable firm soil
Chenopodium, *Portulaca*, *Tribulus*, grass,
Boerhaavia.

7582		89 ♀ ad	97 ♀ ad.
3	♂ ad	90 ♀ ad.	98 ♂ ad
4	"	1 ♀ yg.	99 ♀ ad.
7585	"	2 "	7601 ♂ ad
6	♀ ad	3 ♂ yg.	
7	"	4 "	
8	♀	5 ♀	
		6 ♀ ad	

Trig dd 6/26

1000 - 1500 dead sooty on west
end all yg. from half grown to
not quite able to fly. They are
piled in little hollows as though
swept ashore. May have come from
tern island which lies 2 miles
due west.

Sooty tern 2000 pairs

Noddy 150 "

Laysan albatross 1 yg

Black-footed " 50 "

Blue-faced booby 20 pairs

Island 225 yards long by 125 yards
wide circular. covered with grass,
Portulaca & Boerhaavia.

Skate dd.

~~Somewhat~~

Sala cyanoptera 40 pers.

Pom. nigripes 30 yg

" immutabilis 1 "

S. piscator 1 "

Sterna fuscata 800 pers.

" lunata 15 "

Anous 200 "

Island 200 yards long by
100 yds wide, 8-10 ft above sea

7543 ♂ ad.

44

5 ♀ yg.

6

7

8 ♀ ad.

9

50 ♀ yg.

1 ♂ ad.

2

"

3 ♀ yg.

4

"

5

"

6 ♂ yg.

7

8

9 ♀ ad.

60 ♂ ad.

65 ♀ ad.

66 ♂ ad.

68 ♂ ad.

7572 ♂

73 ♀ ad.

4 ♂ yg.

5 ♀ yg.

6 ♂ yg.

7 ♀ ad.

8

"

9 ♂ ad.

80 "

1 ♀ yg.

2 ♂ yg.

6/24

Gin Island,
a curving Sand spit $\frac{1}{3}$ mile long
by 5 to 150 feet wide
at widest point 10 feet above high
water where there are a few
scattered plants of Portulacca.
10 fms of Sula cyanops bred here.
3 or 4 turtle seen, one with
missing ^{front} flipper. Beach of coarse
shell & coral, few shells.

Little Gin Island

D. nigripes 150 yg

Anous 125 pro.

P. cuneatus 10 pro.

S. cyanops. 8 pro.

~~Island~~ Main part of id. 300 yds long
by 100 yds wide. 10 ft high at
highest part. a slight depression
near center 50 yds across with
grass, Portulacca and another plant
occupied by birds.

a spit 250 yards long at one side
Noddies with eggs.

Planted on King Isd by Judd.

8 Coconut

50 Hibiscus tiliaceus.

Haematoxylon campechianum
(Logwood)

Thespesia populnea (Milo)

Casuarina equisetifolia

Butcheria pacifica

(Fiji Fan Palm)

" gaudichaudii

(Hawaiian Lolo Palm)

Livistonia australis

(Australian Fan Palm.)

Calophyllum inophyllum

(Hawaiian Kamani)

French Frigate Shoals 6/22/23

King Isd. camp.

Small spit - few noddis at east
no vegetation.

Small elongate spit 100 yds long, 10 yds
wide no vegetation 2 *S. leucogaster*
circular islet N. La Perouse Rock.

100 yds in diameter 8-10 ft high
summit covered with grass & matted
but 4 spurs.

Remains of old camp

90 yg *D. nigripes* no adults
150 pro noddis.
30 pro *S. cyaneus*
25 pro *P. comatus*.

75	25	♂ ad.	77	32	♀ yg.
	26	♀ ad.		3	"
	27	♀		4	egg
	28	♂		5	♂ ad.
	29	♀ ad.		6	"
	30	"		7	♂ ad.
	1	♀		8	♀ im.
				9	♀ ad.
				40	♀ ad.
				1	♂ ad.

Notker dd. 6/19

7476 S. juncator Pad

77 " "

78 " ♀ ad.

79 S. cyanops Pad

80 ♂ ad.

1

2 ♂

3 ♀

4 "

5 ♂

6 ♀

7 ♂

8 ♀

9 4

10 ♂

1 ♀

2 "

3 "

4 ♂

5 ♂ ad.

6 ♂ ad.

7 ♀ ad.

8 ♂ ad.

7499 ♀ yg.

7500 ♂ 0

1 ♀

2 ♂ a

3 ♂ im

4 ♂ ad.

5 ♀ ad.

6 ♀ ad.

7 ♀

8 "

9 "

10 ♂

1 "

2 ♀ ad.

3 ♂

4 ♀

5 "

6 "

7 ♂

8 "

1

20 ♂

<i>D. immutabilis</i>	600 pairs
" <i>nigripes</i>	100 "
<i>P. cuneatus</i>	3000 "
	5000
<i>Bulweria</i>	800 "
	1000
<i>S. cyanocephalus</i>	500 "
" <i>fracator</i>	1000 "
" <i>leucogastra</i>	50 "
<i>Phaeton</i>	500 "
<i>Fregata</i>	300 "
<i>Sterna lunata</i>	6000 "
" <i>fuscata</i>	15000 "
<i>Anous</i>	3000 "
<i>Gygis</i>	400 "
<i>Procelsterna</i>	400 "

Desiderata

✓	Puffinus cuneatus	alc.	2.	
✓	Sula cyanops.	Skul.	2	alc. 4
	" pacator	Skul.	X	" 1
✓	" leucogastra	"	X	" 4
✓	Fregata	"	X	" *
✓	Sterna fuscata	"	X	" *
	" lunata	"	X	" 2
	Megalopterus	"	X	" 1
✓	Anous s.	"	X	" *

7462 ♀ ad

3 ♂ ad

4 ♀ ad

5 "

6 ♂ ad

7 ♀ ad

8 ♀ yg-

9 ♂ yg

70 ♀ ad

1 ♂ ad

2 ♀ yg-

3 ♀ ad

4 "

5 ♂ ad.

Nihoa
Proculstema

6/15
8:30
106.2

8:45
106.0 107.2 106.0

7422 ♂ ad

3

4

5 ♀ ad

6 ♂ im.

7 ♂ im.

8 ♀ im.

9

30 ♂ im.

1 ♂ im.

2 ♂ im.

3

4 ♂ ad

5 ♀ yg

6 ♂ ad

7 ♂ ad

8 ♂ ad

9 ♂ ad

40 ♀ ad

1 ♂ ad

2 ♂ ad

3 ♀ ad

4 ♀ ad

5 ♂ ad

6

7447 ♂ ad. inc.

8

9 ♀ ad

Proculstema ♂ skel:

Phantom. speaker ♀♀

D. immutabilis

2

.. nigrifus

60 pps

P. cuneatus

30,000

P. nativitatis

20 pairs

S. leucogaster

50 pairs

S. cyanopus

125 pairs

S. piscator

3000

Fregata

600 pairs

S. lunata

5000

.. fasciata

8000

Anous

2000

Gygis

4000

Proculstema

8000

Nipog 10/14
 Tataru ♀ 107.4

7392 ♀ im.

3

4

4 ♂ ad.

5 ♂ im.

6 ♀ ad.

7 ♂ im.

8 ♀ im.

9 ♂ im.

7400 "

1 C u

2 ♀ im.

3 ♂ ad.

4 ♂ im.

5 "

6 ♀

7 ♂

8 ♂

9 ♂

10 ♀

1 ♂

2 ♀ ad.

3 ♂

4 ♂

7415 ♂ ad.

6 ♀ ad.

7 ♂ im.

Long. 71-72

7367 ♂ ad.

8 ♂ im.

9 ♀ im.

70 ♂ im.

1 ♂ ad.

2 ♀ im.

3 ♂ im.

4 ♂ ad.

5 "

6 ♂ im.

7 ♂ im.

8 ♀ im.

9 ♂ im.

80 ♂ ad.

1 ♀ im.

2

3 ♂ ad.

4 ♀ "

5

6 ♂ ad.

7 "

8 ♂ ad. over egg

9 ♂ ad.

90 ♀ ad.

1

Nahwa 6/12/23 7:00 a.m.
Proculiteria Sarcotubis 104.4 103.8

8:30 8:45
Telespiza ultronia 107.3 & 106.3

10:00
Tatara 108.0

~~7223~~

7323 ♀ ad.

4

5 ♀ yg.

6 ♀ im.

7 ♂ yg.

8 ♂ im.

9 ♂ im.

30 ♀ im.

1

2 ♀ ad.

3 "

4 ♂ ad.

5 ♀ im. B. m.

6 ♂ im. "

7 ♂ ad.

8

9 ♀ yg.

40 ♀ yg.

1

42

3 ♂

4 ♂

5 ♀

6 ♂

7 ♀

8 ♂

9 ♀

50 ♂ ad.

1 ♂

2 ♀

3 ♂

4

5 ♀ ad.

6

7 ♂ ad.

8 ♀ ad.

9 ♂ ad.

60 ♂ ad.

1 "

2 "

3 ♀

4 ♂

5 ♂ ad.

6 ♀ ad.

Nihoa 6/11/23
Tachypiza cultrina ♂ 9:30 107.6 ♂ 10:00 107.6 ♂ 11:30 108.5 107.8

Tatan 9:45 107.4 10:00 108.0 11:20 107.2 11:25 107.5

05 ♀ ad
 7306 ♂ ad.

19 ♀ ad

7 "

20 "

8 "

21 ♀ ad

9 ♀ im.

7322 ♂ ad.

10 ♀ ad.

11 ♂ im.

12 "

13 "

14 "

15 ♀ im.

16 "

18 ♂ ad.

17 ♂ im.

Seal in Kanai

Article on seal put by
C. H. Townsend data furnished
by Atkinson.

Seal - Kila - word used by
whalers in north.

elephant - Kai - sea elephant
both are borrowed words.

King
buckets.

Museum
identify eggs.
look up skulls.
camp gear.

Kukeha "an animal that
lives there". fide Atkinson.

Diomedea immutabilis

.. *nigripes*.

Pterodroma hypoleuca

Oceanodroma tristrami

Puffinus cuneatus

Bulweria bulweri

.. *nativitatis*

Sula cyanops

.. *piscator*

.. *leucogastra*

Phaeton rubricaudus

Fregata m. strumosa

Anas layanensis

Porzana palmeri

Sterna lunata

.. *piscata*.

Anous Stolidus pileatus

Megalopterus hawaiiensis

Gygis alba

Procelsterna cerulea.

Heteractis.

Croethia alba

Phaeopus tahitiensis

Pelecanus d. fulvus

Arenaria

Himationis fruthi

Serinus canarius

Tatara familiaris

Telophrys candam

Commander King
Doctor
camp equipment.

Boat leaves Kani Tues.
Fri. and Sat. for Honolulu

2 shovels 1 pick

Tantulus 6/5

Hawaiian avifauna older than the
endemic avifauna of West Indies.

Isaprock, W. E., Cruise of the Kawa
G. P. Putnam's Sons, 1921.

	10:30	
<i>Trochilopterus</i>	108.6	North side
<i>Tantulus</i> crater	108.5	3:45

Mungos B. stomach contents remains
of many orthoptera.

<i>Chasiempis gayi</i>	12:45
	107.5

<i>Acridothera tristis</i>	4:15
	109.6

7299 ♂ ad.

7300 ♀ im.

1 ♂ ad.

2 "

✓ 3 shirts Laundry ^{10/3}
 ✓ 1 pr pajamas
 ✓ 4 B. V. P's
 ✓ 1 Khaki pants
 ✓ 7 soft collars
 ✓ 1 hard collar
 ✓ 1 silk hose
 ✓ 4 bed Kerchiefs

Party.

Wetmore

Schlemmer

x - Atkinson

x - Judd

x - Vinderson - Gregory

x - Cooke x H. S. Palmer

Bryant

x - Cannon

Thaamun

Grant

x Newbold party

~~Draeger~~

~~Edmondson~~

x A. C. Rice

Chinese Crane Killed in winter
sent to Schanckland. 1903.

Oct. 26, 1915 pr. *D. niger*
Jude E. Schanckland.

Gulls seen at times on Lagoon
in winter. One skin may have
been sent to Schanckland.

~~Procelsterna~~ - ~~Seen~~ Seen Common living
~~at times~~ all in rocks on South end.

7 different ducks killed & sent
to Schanckland.

2 geese killed in 1915
tracks identified by Bryan as
"Canadian mountain geese".

gulls reported
Godwin.

Thetis June 12, 1904, stopped
on way to Midway.

Boat that came to get bird
collectors (from Japan) was
wrecked.

See papers this date.

Rabbits introduced about 1902-03
brought 3 times, once a pair,
only 8 or 9 all told.
~~etc~~

June 9, 1906 one *Sula leucogaster* taken.
First eggs of big gray mutton bird.

Oct 4, 1906. Laysan duck and
half Sperm bill duck taken.
Killed & skinned.

Oct. 17, 1906. Schlemmer shot
some Curlew & plovers

Oct. 19, 1906. one black goonie.

Nov. 8, 1906. First goonie eggs found.
" 10 " Three " " "

J. L. Fleming
Chukar partridge.

A small rat or mouse abundant
on hisiandhi in 1893. Dr.

Averdam had trouble with them at night.
None in Laysan

Laysan alb. arr. Laysan on
average Oct. 25. Black-footed alb.
a few days later

Pacific Commercial Advertiser
Honolulu. April 16, 1904.

April 11, Capt. Niblack of the
Orinocois found 17 Japanese in
camp on island.

Coconuts from Jalut.

Morton, T. Laysan - a Bird
Paradise, Pearson's Magazine
May, 1901, pp. 672 - 677

Bryan, W. A., Laysan Island, A
visit to Hawaii's Bird Reservations,
The Mid-Pacific Magazine, Vol. 2, Oct., 1911,
pp. 303 - 315.

Palolo Valley 5/31/23
Trochilopterus 9:15
109.6

Chasiempis 9:45
108.0

Name of Bengala for Camm.
Spermestes acule

Boephila one red front one black front.
7293 ♂ ad.
4 ♀ ad
5 ♂.
6? im.
8 ♂

May 29, Wilder - dinner - will call Blairdell 5:00
May 30 Dickey Halolani 6:30
May 31 Palolo Valley.

Friday, June 1

Dinner with Thaan. Meet
him at Blairdell at 4:30 P.M.

Sat. June 2 See Dickey off. ~~Gregory at noon~~ ~~uncl. Club~~ Wilson 4:30

Sun June 3 1:30 Sun. Schlegel

Mon. June 4 ~~Gregory at noon~~ ~~uncl. Club~~ evening. Wilder Tantalus

Tues. " 5

Wed. " 6 A.M. return Home, dinner ^{Blairdell 5:00} Comm
8:00 A.M. Science Club.

Sea stories.

Walker, Capt. J. D., Log of the
Kaalo Kai.

Hawaiian Gazette Co, Ltd., 1909.

Thurs. 7.

Fri. 8

dinner 6:15^{P.} Dwight, Donna
Thurs 9:00 Knif 2:00

evening Ined 4:30

3 Marine tents

Wetmore's Tent

tent fly.

white Canvas

Shovels, pick & axe.

3 pails. (buckets.)

2 navy lanterns & 2 others

1 piece heavy Canvas

1 piece Canvas for salt.

✓ aux shells

✓ Shotgun shells.

✓ Winchester repeater.

✓ 4 boxes.

3 pieces $\frac{1}{4}$ inch line 20 ft.

12 cigar boxes.

Taenopygia castanealis.

7270 ♀ ad.

1

4

2

♀ ad.

3

♀ ad

4

♂ ad

5

♂ yg.

6

♂ ad.

7

♀ ad.

8

♂ ad.

9

♀ ad.

80

♀ ad.

1

♂ ad

2

♀ ad.

3

♂ ad

4

♀ ad.

5

♀ ad

6

♂ ad.

7

♀ ad.

8

♀ ad.

9

♂ ad.

90

♂

1

♀

2

♂ ad.

Ka Ule Nana Hoa

Kisianaky May 19
7:00 a.m. 70°

Sula piscator 8:30
102.6

Phaeopus tuberculatus 9:17
105.7

52	♂
7254	♂
55	♂
56	♂
57	♀
8	
9	♂
60	♂
1	♀
2	
3	♂
4	♀
5	♂
6	♀ ad.
7	♀
8	♂

Lisiansky 5/17

Temp. 7:00 72° noon

6 p.m.

Morachus ♂ 1930 mm T. 120 H.F. - 340

anus to penis 280 mm

penis to umbilicus 190

7215 ♀ ad

6 "

7 ♂ ad

8 ♂ ad.

9 "

20 ♀ ad.

1 ♂ ad.

2 "

3 ♂ ad.

4 "

5 "

6 ♀ ad.

7227 ♀ im.

8 ♀ ad.

9 ♀ ad.

30 ♀ ad.

1 ♀ ad.

2 ♀ ad.

3 ♂

4 ♀

35 ♂

7236 ♂ B.M.

7 ♀

8 ♀ ad.

9 ♂ ad. O

45 ♂ ad.

46 ♂ ad.

7247 ♂ ad.

8 "

50 ♂ ad.

Kisianky 5/16 8:00 a.m.
Monachus schauinslandi ♀ 95.8

S. leucogastra ♀ quok quok quok

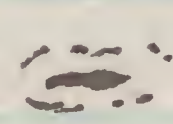
Fregata ♂ on nest Kahk he
high pitched scream.

P. canutus gray 101.4

Monachus ♀ 2000 mm.

T. 130

H.F. 370

120 () 150 seats.
180

7207 ♀ yg.

08 ♀ ad.

9 ♂

10 ♀ ad

1 "

2 "

3 ♀ ad.

Temp. 7:00 a.m. 72°

12 noon 74°

6 p.m. 73°

Monachus ♂ 7:45 p.m.

Bulweria bulweri 98.1 8:30 p.m.
104.2

Osteology of birds
Names for tubercles & parts.
Systematic discussion of families

From Endigway, Vol. IV, p. 328.

I. Exaspidian. - The anterior envelope (acroterium) extends entirely across the outer side of tarsus and around posterior side, sometimes meeting the starting point on posterior portion of inner side, the two edges usually separated by a narrow strip or groove of smooth non-scutellate membrane.

II Endaspidian. The above arrangement (Exaspidian) reversed, the acroterium extending to and around the tarsus from the inner side, the narrow plantar space being thus external instead of internal.

III Pycnaspidian. - The broad plantar space on posterior side of tarsus broken up into numerous small irregular or roundish scutella or granules.

IV. Holaspidian. - The broad plantar space occupied by a single series of broad more or less quadrate or rectangular scutellae.

V. Taxaspidian. - The broad plantar space occupied by two or rarely three series of smaller quadrate, rectangular or hexagonal scutella.

San Francisco

Killogg wants to know what
it will cost to secure head
of fetal whale 8 inches long
for dissection of ear passages.
1 pr. lace for leggings.
1 pr. #14 leggings?

10 bales good bright alfalfa

Steam crushed oats

from Piper.

Coarse or fine shredded corn
with combinations dry meal
salt & strychnine. Mix to parts
if windy.

Powdered calcium cyanide
and knapsack blown for use
as a fumigant in burrows.
See Garlough for this.

Carrots & beets cut & spread
for fresh vegetable beets

Chop alfalfa & dampen slightly
with dilute H₂O water 1 oz strychnine
to 30 lbs of hay.

1 oz strychnine. 20 gals. crushed oats
for start

with dry meal use strychnine
considerably stronger

Thin starch mucilage poisoned?
applied by spray pump
to favorite plant

tack starch + Karo

Bailey & Willet put rails on
Pisimahi, in March, 1913

Give Bailey letters to
Debbins, Fiebrig, Hensen

Achorn wants me to bring
him "something" from the
Hawaiian Isds!

Camp bread

2 tea cups flour
salt, 1 tablespoon baking powder, mix.
add two big table spoons lard, mix.
thoroughly. add a little more flour
on outside. do not mix too much.
Melt lard in pan. mold bread.
dip top in melted lard. bake.

shows in ls.
1

Sula cyanoptera. 98^{adults} in inner basin.
D. immutabilis 2500 yq. in inner "
 Ssg

212

3300	2500	4232
6600	283	423
2	156	4655
13200	135	2
3300	3074	9310
16500		2
98 =	31	18620
45 =	3	13,
17 =	100,000	
160		

506 *S. cyanoptera* 1-3-4-1-8 (60)
Fregata 5-23-140-22-2-30 877
trigripes 3700-404-68-60 500
immutabilis 283-156-135 1377
 3700
 404
 66
 60

May 19
 20 leave Liananaki.
 21 arrive gardenis 4232
 22 gardenis.
 23
 24

Honolulu
Colonial Hotel
Blaisdell
Rock on Ornamental tree Hawaii
3-4 hoophead for water.

Buy.
Alum 1 lb.

7/13 7:00 76°

7608 ♂

7630 ♀ ad

7604 ♀

1 "

5 "

2 ♀

6 "

3 ♀ ad.

7 "

4 ♂ ad

9 "

5 ♂ ad.

10 "

6 ♀

1 ♀ yg.

7 ♀ ad.

2 "

8 ♀ ad

3 ♂ yg.

9 ♀ ad.

4 ♀ ad

40 ♂ ad.

5 ♀ ad.

6 ♀ ad

7 ♂ ad

8 ♀ ad.

9 ♀

20 "

1 ♀

2

3 ♀

4 "

5 ♂

6 ♀

7 ♀ ad

8 ♂ ad.

9 ♀ yg

7650 ♂ non breeding

1 ♀ ad.

2 ♀ ad.

3 "

4 ♀

1
58 ♂

59 ♀

61 ♀

63 ♀ ad

64 ♂

65 ♀ ad.

66 ♀ ad

67 ♂ ad.

68 ♂ yg

9 ♀ yg

12/15 Sand d. l.
7674 *Sterna fuscata* ♂ ad

1 " " "
2 " " ♀ ad
3 " " "

4 *Puffinus cuneatus* ♀ ad.
5 " " "

6 *Puffinus nativitatis* ♂ ad.

7 " " ♀ ad.

8 *Phaeton* ♂ ad.

9 *Arenaria* ♂

80 *Pluvialis* ♀

7682 ♂ ad.

3 " "

4 ♀ ad

5 ♂ ad.

6 " "

7 " "

8 ♀ ad.

9

90 ♀ im.

1 ♂ im.

2 " "

3 ♀ im.

4 ♂ im.

5 ♀ im.

6

7

7698

9

80 ♂ ad

7701 " "

2 ♀ ad.

3 ♂ ad.

4 ♂ ad.

5 ♀ ad.

6 ♂ ad.

7 ♂ ad.

8 ♀ ad.

9 ♂ ad.

10 ♂ ad.

1 ♀ ad.

14 ♂ egg.

7715 ♀ im.

6 ♀ ad

7 ♂ ad.

8 ♂ ad.

tide 32 in

temp. 7:00

76.

7720 ♀ ad

1 -1

2 ♂ ad

3 ♀ ad.

~~4~~

5 ♂

6 "

Desiderata

✓ <i>Sula</i> <i>fusca</i>	alc. 1
<i>Sterna</i> <i>lunata</i>	" 2
<i>Megalopterus</i>	" 1
<i>Phaeton</i>	skel. 3
✓ <i>Bulweria</i>	skel. 2.

On board Whippoorwill

3 blankets
3 # cots
9 mattresses
1 water breaker

rifle & shotgun.

Johnston d.d.

D. immutabilis	1
P. curvatus	3000 2500
P. nativitatis	300
B. bulweri	400
S. fuscator	250
S. cyanus	200
S. leucogaster	75
S. lunata	25
S. fuscata	3500
G. alba	40
Anous	1500
Proculitergia	3
Fregata	800
P. Naethon	8

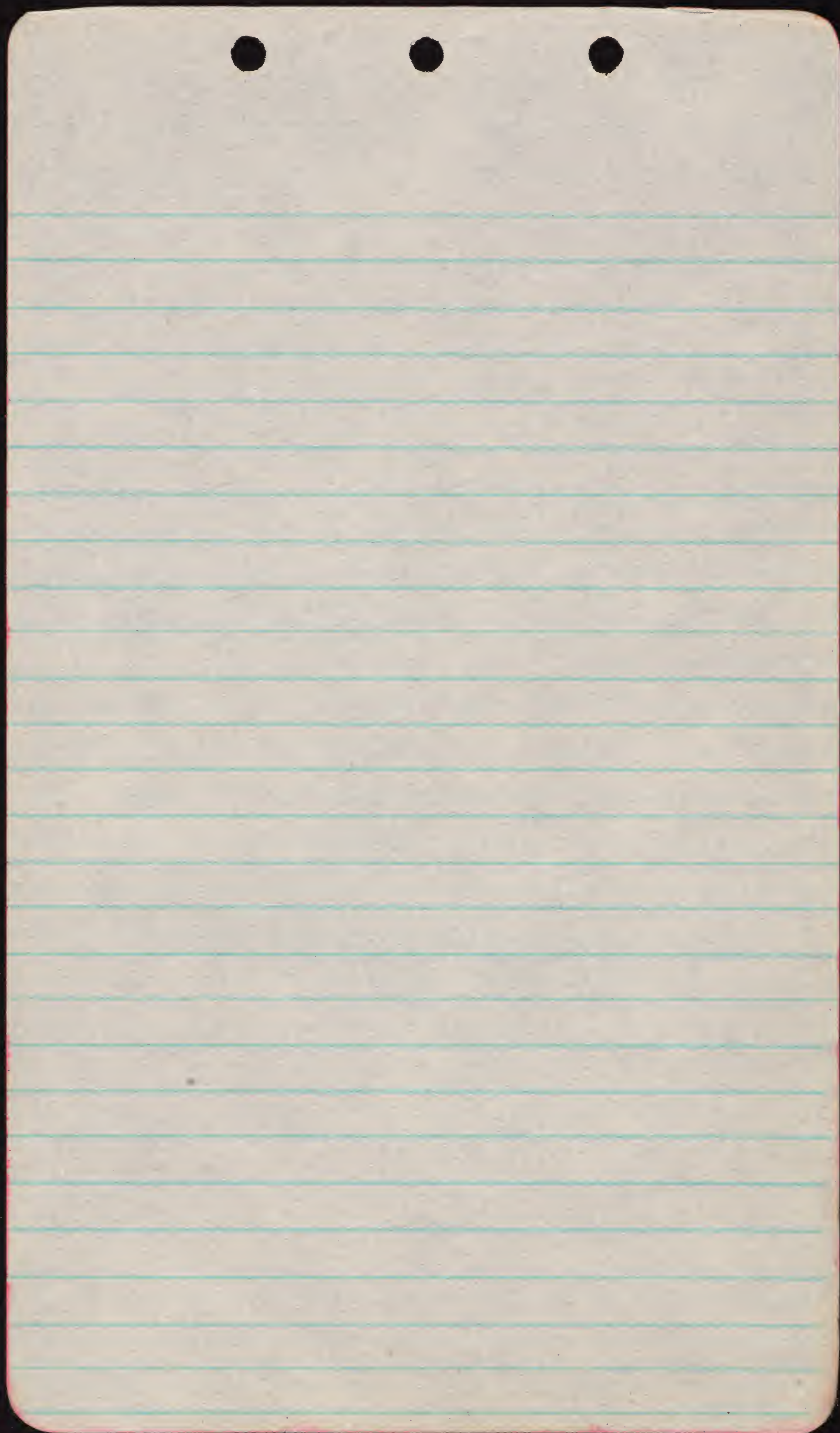
L. 16° 45' N. } neither d.d. term.
 W. 170° 20' W. } ♂

Material forwarded in Whiffpoorwill.

3 boxes marked for U.S. Dept. Agriculture
Bureau of Biological Survey. To be
shipped at once by express.

1 package exposed film from A. Wetmore
Please take to Hawaiian Photo Materials
Co. Fort & Beretania. Instructions
for development and printing are
inside package.

2 barrels & 8 boxes marked for
Bishop Museum.



Washington & Fanning
no sooty tern
no shearwaters
no petrels

Fanning
Phaeton ruber! few
3 boobies
Frigate - bird
Phaeton lepturus
Booby
Noddy
Megaloptyx
Procelsterna
Jaeger
Gygis

Christmas
2 shearwaters

Washington
3 boobies
Frigate - bird
Phaeton lepturus
Booby
Noddy
Megaloptyx
Procelsterna
Jaeger
Gygis

7/21/23

P. Bogislavus - 174°
Lat 17° 10'

- 1. Wetmore
- 1. Schlemmer
- 2. Pollock
- 2. Edmondson
- Palmer ship
- 4. Bryan
- Mame ship
- 3. Thibault
- 3. Grant
- 4. Anderson
- 4. Chatham

store tent

cook tent

Wetting of egg by terns may
~~overcome~~ balance excessive
evaporation by permitting absorption
of moisture through allantois,
as well as cool the egg after
excessive heat.

G. Fornander
~~Fernandez~~ - Polynesian Race
3 vols.

~~gives~~ traces coming of
Polynesians to Pacific Islands.

Wake dd. 7/28/23

Hypotremdea

~~106.5~~ ~~106.2~~

9.15

9:30

104.6

104.2

104.5

104.0

104.6

7728

♂

9

♂

30

♀

1

♂ ad.

2

♀

3

♀ ad.

4

♀

5

♀ ad.

6

♂ ad.

7

♀

8

♂ ad.

9

♂ ad.

40

♀ ad.

42

♂ ad.

43

"

4

♀ ad.

5

"

6

♂ ad.

7

♀ ad.

Wake 7/29
 9:00 9:30
 Read 143.9 104.0

7748 ♂

9 ♂

50 ♀

1 ♂

2 ♀ ad.

3 ♀ ad.

4 ♂ ad.

5 ♂ ad.

6 "

7 "

8 ♂ ad.

9 "

60 "

1 ♀ ad.

3 ♂ ad.

7771.

Rail ♂ 105.0 ♂ ^{10:15} 104.6 ♀ 104.4

7772 ♂ ad.

3 "

4 "

5 ♀ ad.

6 "

7 ♂ ad.

8 ♀ ad.

9 ♀

10 "

1 ♀ ad.

2 "

3 ♂ ad.

4 "

5 ♀ ad.

6 ♀ ad.

7 ♂ ad.

8 ♀ ad.

Wake 7/31
Megulofium 10:30
104.0

Wicks d.d.

7789 ♂ ad

70 "

1

2 ♀ ad.

3 ♀ ad.

4

5

6 ♀ ad.

7 ♂ ad.

8 ♂ ad

9 ♀ ad

7800 ♀ ad

1 ♀

2 ♂ ad

Hawaii: Laysan Island

Alex Wetmore

Walt old. 8/1 (Walt old)
 Phaeopus ⁸¹³⁰ 105.2

7804 ♀ ad.

5 ♂ ad.

6 ♀ ad.

7 ♀

8 ♀ ad black albatross

9 ♂ Arenaria

10 ♂ ad.

1 ♀ ad

2 "

3 ♀ ad.

4 ♀ ad.

5 "

6 "

7 ♂ ad

8 ~~♀ ad.~~ ♂ ad ~~black albatross~~

9 ♀ ad.

20 ♂ ad.

1 "

2 ♀ ad

3 ♂ ad.

4 ♂ ad.

5 ♀ ad

6 ♀ ad.

7 "

8 ♂ ad.

9 ♀ ad

7830 ♂ ad

1 "

2 ♀ ad

3 "

4 ♂ ad

5 "

42 ♂ ad

3

4 ♂ ad ^{Curlew}

5 ♂ ad.

6 ♂

7 ♂ ad.

8 ♀

7836 ♂ ad.

7 ♂ ad

8 ♀ ad.

40 ♂ ad.

4 "

785 ♂ ad

3 "

4 ♂ ad

5 "

6 "

7 "

8 "

9 "

786 0 ♂ ad

1 "

2 "

3 "

4 "

5 "

6 "

7 ♀ ad

8 ♂

9 "

7870

1 ♂ ad

2 ♀ ad

3 "

4 ♂ ad

7875 ♀ ad

6 "

7 ♀ ad.

8 ♀ yg.

9

80

1 ♂ ad.

2 ♂ ad.

3 ♀ ad.

4 ♂ yg.

5 ♀ ad.

6 ♂ ad.

7 "

Aug. 5, Sunday
ho. Wake

Aug. 6 Mon.
cuneatus

Aug. 7 Tues
do.

Aug. 8 a Wed.
do

Aug. 8 b "
Sooty Tern

Parus varius

released by Osborn above

Kilohana crater 2 miles

inland from Lihue 1000 ft alt.

Seen nesting at Lihue

Seen at Koke in Waimea Canyon
fish Chatham

Horobulus

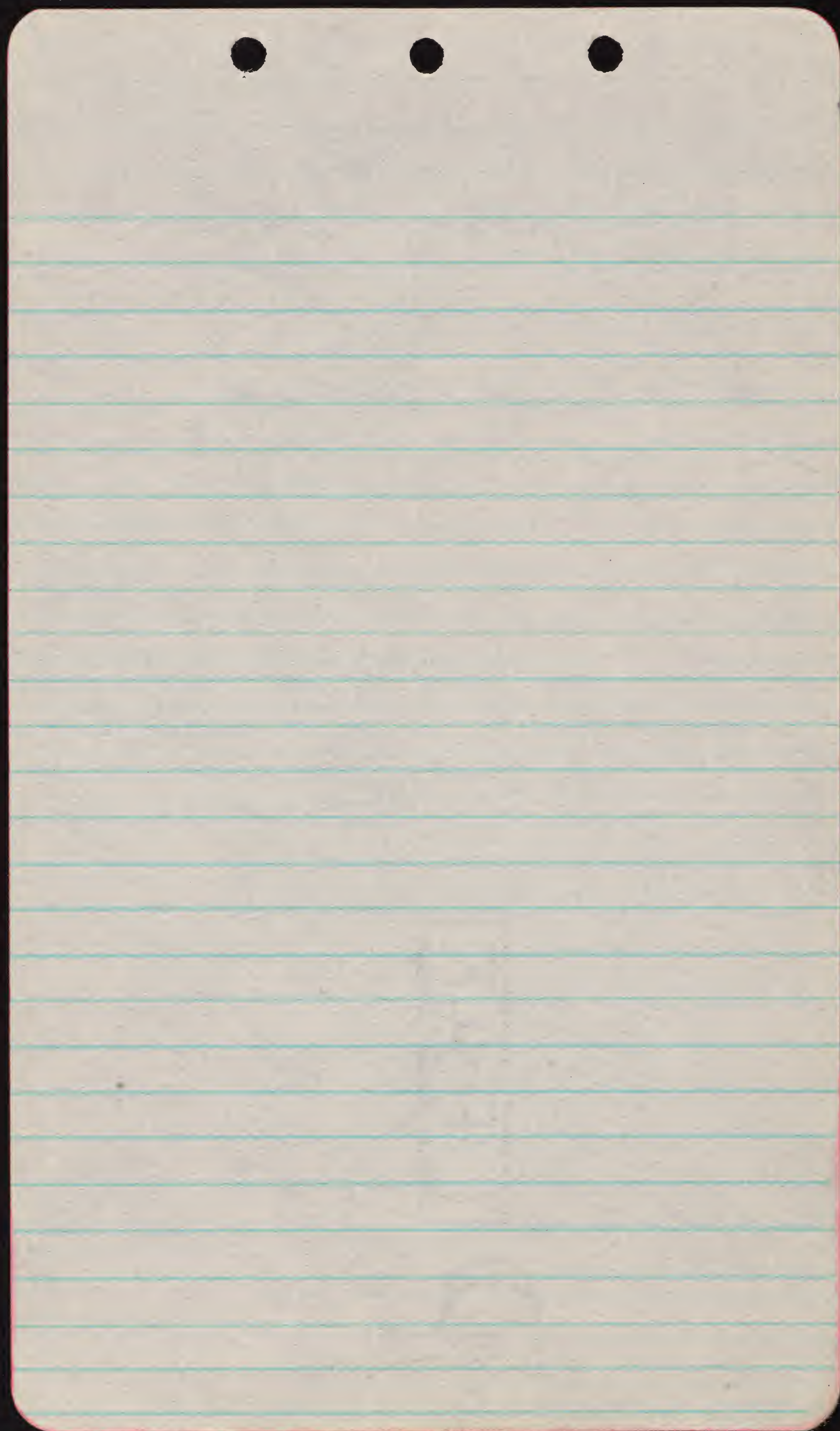
Kings Coll. Hawaiian Museum

Ref.

Davis on coral reef.

Cambridge

look up Madagascar birds.



Wake Island composed of
three islets rising at highest
point 25 feet above sea. Stop
~~Surface~~ large blocks of coral
cast up along beach. Land
surface covered mainly with
rounded coral lumps several
inches in diameter with
occasional tracks of fine soil stop
Umbrella tree and two
species of hardwoods form
low ^{dense} forest over entire land
stop ~~and~~ grass and herbage
abundant stop. Ulu, ~~o~~
~~on~~ and Mullet abundant,
many Mullet in lagoon stop.
Collections of fishes rich and
varied including strangely shaped
and colored Southern forms.
Fringing reef close inshore
has abundant marine life stop.
A kind inhabiting hermit crab
swarms among trees and the
place of all other scavengers.
Corals found in great variety
with many sponges.

~~Shells~~ ~~Mollus~~ Shells in
great variety including ^{Tridacna} a very
large oyster. clussets in
fair variety among them many
fleas and a sphynx moth.
Boobies, terns and frigate birds
common. An apparently
new land rail found ~~at~~
among thickets.

Aug. 14 Tues. Judd 8:30

15 Wed. Ball dinner will call 6:30

16 Thurs. Edmondson dinner. ^{must Eat} Mrs.

17 Fri

5:00 at Cann ^{& su. Rails} dinner. Cann & Palmer, tickets libly

18 Sat.

Dinner Atkinson. Lv. hotel 6:00

19 Sun. Anderson. early train ^{8:00 a.m.} get off
Waialua Station.

20 Mon.

2:00 P.M. Popoia. Cartwright at hotel.

21 Tues. return 3:00 P.M.

22. Wed.

Moai Pearl Harbor 7:00. guide at gate 6:30-6:45.

23. Thurs.

Moai. Univ. Club.

24. Fri

25. Sat. Sail.

Commandant

14 Naval Dist.

U.S. Naval Operating Base
Pearl Harbor, Honolulu

Commanding Officer
U.S.S. Tanager.

Chief, Bureau of Navigation,
Naval Operations, Navy Dept.
Copies to Commandant,
Commander Mine Squadron, E.O.
Tanager.

W. H. Marriott

R. A. Forsythe

J. Horton

Merritt % U.S.S.

Tanager

% Postmaster

San Francisco

259
8.10

Palmyra
Xmas

Kauai Swamp

Jarvis
Howland

Baker

Swain

Tutuila

Pictures

Heroy Topping Box 2356

Charles Dwight

child

(4)

Carmes

Anderson wants

(2)

Sent to Waiolana?

Dugham 4

2

} at desk.

Eric

2

✓ 8 Kuleteris at Museum

x Kelly

✓ Cartwright

✓ Gregory

✓ Wilder

letters

nails

✓ bank

crabs

✓ soap.

photos at Carmes

✓ tails + hduw

✓ 25 ft. 5/16 rpr.

Presents -

Lauren { Mrs. Holloway
Scott
Blanche
Marion
Maud
Charley.
Jay
Margaret
Julia
Belle
M: atn
Kalmbach

Honolulu

See Bunker or Ford Pan-Pacific Union
Mgs. Cable Co re visits to Laysan
visits to Mrs. Gregory & Mrs. Wilder
See Kelly Fish Commissioner
... Knecht re bds. ?
wire office date departure

cere naked behind nostrils
bronz patch on wing
~~throat~~ orang. breast & bend of
wing yellowish. under wing coverts yellow
elsewhere green.
primaries blue.

Pacific Islands Pilot 2 vols.

#1500 general chart of Pacific Ocean.

W. D. Alexander

Brief History of the Hawaiian People

Vice President

Commercial Pacific Cable Co.,

253 Broadway

N.Y.C.

Permission to send man to
Laysan. on Dickinson.

8/20

~~Kauai~~ ~~Swamp~~ - Gallinules
Kauai Swamp
English Sparrows
Minah
Mongoose

8/21

Waimanalo plains
Sparrows -

Baggage.

4 locker chests.

2 shipped via exp.

1 box

2 dufflebags

1 suitcase

1 collecting case

1 Bdl cot in canvas

1 Bale tent

to glacier

2 alcohol tanks

by express.

2 parcels (film & stones)

1 rifle

2 boxes crabs.

15

Hawaki - The Original Home
of the Maori -

S. Percy Smith

4th edition, 1921. Whitcombe &
~~Tombs~~ Tombs Ltd., Melbourne
and London.

Bird-life on Laysan Island
Photographs

Bedford Lemere & Co, 147 Strand
London W.C.

Newton, G. E., The Amenities of
Book-collecting and Kindred Subjects.

Atlantic Monthly Press, Boston.

Univ. of Chgo Press

A manual of style.

A manual for writers.

H. H. Lane

Evolution and Christian
Faith.

Princeton Univ. Press, 1823

Use 1 teaspoonful carbolic acid
in qt. of water ~~applied~~ with
brush to inside of relaxed skin to
restore "life" to it. Leave over night
before completing skin.

Log of the "Hoye"
Capt. J. O. Ingraham, 1790
not published but in Library Congress
mentions Nihoa.

Meares, J. J. Voy. around the
World, 4th Edition. mentions
Nihoa.

Vancouver, J. R.

Chas. E. Goodspeed
312 Park St.

Boston, Mass.
Has Hawaiian books, mentions
Carterwright's name.

The Friend, for notes on
Is.

Supplies etc. from Hordle
for Wetmore

1. ~~X~~ 2 dozen ^{6 exposure} rolls Kodak film #118
2. ~~X~~ Develop film - one print of each
3. ~~X~~ Ship 9 boxes specimens
American Express collect
4. ~~X~~ 2 bottles gun oil (Rem oil preferred)
5. ~~X~~ 2 balls strong cotton twine
6. ~~X~~ 2 lbs powdered Alum
7. ~~X~~ 5 lbs naphthalene
8. ~~X~~ 8-10 boxes for specimens
9. ~~X~~ 1 small box, 1 gunny bag containing
two turtle shells, 1 large turtle shell
to be held at Bishop Museum for
Wetmore
10. ~~X~~ Assemble two lots of bird stomachs
& alcoholic birds returning large
container
11. ~~X~~ 2-3 soft blue marking crayons
(for lumber).

~~12~~ 1 bale excelsior (Can be purchased from Coyner in young Hotel Bldg.)

13 ~~14~~ lbs ~~#~~ 6 d wire nails.

14. X 1 roll $\frac{1}{2}$ inch box strapping -
(from Halls)

15. X supply of newspapers. Heliovalot.

16 ~~X~~ tripod? flash powder. ~~5~~

17 ~~H. K. K. K. K.~~

X tent pegs.

X canvas.

Film 1

- 1-3 *D. nigripes*, display Laysan 4/11/23
- 4 *P. nativitatis* paired " "
- 5 general view looking South. "
- 6 *D. immutabilis* "

Film 2

- 1 *P. cuneatus* "
- 2 a siesta "
- 3-4 Blue-faced Booby.
- 5 Thurston on salt lagoon.
- 6 *Numenius* feeding on decayed albatross egg.

Film 3

- 1-6 Wedge-tailed Shearwater, pairs, ^{at} resting burrow, asleep, & three together Laysan 4/12/23

Film 4

- 1 East ~~West~~ beach 4/12/23
- 2 Breeding ground of *Sterna lunata*
- 3-4 *D. nigripes* colony.
- 5 Frigate bird
- 6 *D. nigripes* colony.

Film 5.

- 1 East Shore Laysan 4/12
- 2 *Numenius tahitiensis*
- 3 "
- 4 *D. nigripes* colony.
- 5 Wedge-tailed Shearwaters
- 6 Frigate birds

Film 6

- 1-3 Camp Haydon 4/12
4-6 *Sterna lunata* Haydon 4/13.

Film 7

- 3-6 Seal Ocean dd. 4/16

Film 8

- 1 Seal Ocean dd. 4/16
2-3 Camp " 4/19
4-6 Seal " "

Film 9

- 1-6 Seal Ocean dd. 4/19

Film 10

- 1-3 Seal Ocean dd. 4/19
5 *D. nigripus* 4 eggs " 4/20
6 Seal " "

Film 11

- 1-2 Seal Ocean dd. 4/20

3 " "

4 *D. nigripus*

5 East side Ocean dd

6 ~~Furrows~~ dug by Seal

12

- 1-3 Ocean dd. 4/20

4 S. end "

5 Plant with brown woolly stem "

6 *Scaevola*

13

1. *D. nigripes* Ocean Id 4/20

2-3 *P. rubricauda* "

4-6 Ocean Id. 4/21

14

1-5 Ocean Id. 4/21

6. *D. nigripes* feeding .. Ocean Id. 4/21

15-16

Midway 4/23-24/23

17

S.E. Id., Pearl & Hermes reef 4/26/23

Film 18

middle island Pearl & Hermes 4/27/23

yg. *P. cuneatus*

Film 19

Seal Id

4/28/23

Film 20

1. Curlew hunting tern eggs Laysan 5/2

2-6 Bulwers petrels

Film 21

1. Beach Laysan 5/2/23

2. bones in sand

3. Phaeton

4-6 Frigate

Film 22

1-6 *D. nigripes*, yg. asleep, resting in nest, adult with yg. Laysan 5/3/23

Film 23

1-6. *D. nigripes* feeding young Laysan 5/3/23

Film 24

1-2 taken 5/3

3 Laysan alb. 5/4

4-6 Frigate "

Film 25

1-2 surf. 5/3

3 *D. nigripes*

4-6 Gygis

Film 26

1-5 Gygis, albatross etc. Laysan 5/3

6. Seal 5/4

Film 27

1-2 *P. caninus* 5/5

3-5 *D. nigripes* same.

Film 28

1-3 Megaloptera. Laysan 5/9

4. Frigate seizing squid

Film 29.

Sula piscator, Laysan Finch 5/10/23

Film 30

James' old Shearwater egg etc 5/10/23

Film 31

Laysan alb. 5/10/23

Film 32

Laysan alb. 5/10/23

Film 33

Noddies, Blow-hole, Megalopterus,
Wedge-tail, Laysan albatross
Laysan 5/13/23.

Film 34

Laysan, Wedge-tails, Laysan alb.,
5/18/23

Film 35

Laysan, turtle, grass plot
5/18/23

Film 36

Grass plot, S. cyanopus
Laysan 5/18/23

Film 37

Grass plot, S. cyanopus yg. nigripes 5/18/23

Film 38

Sooty tern, Frigate bird 5/18/23

Film 39

Frigate bird on nest + yg. S. fuscata on
nest + nest + egg. pair S. cyanopus
S. leucogaster. yg. S. lunata 5/18

Film 40

Noddy nest. ~~Old~~ Shack. 5/19

Film 41

D. immutabilis. P. nativitatis. 5/19

Film 42

Noddy nest with pigweed, flats.
Coast. 5/19.

Film 43

Sula leucogaster nest, coast, rocks

Film 44

Turtles, Turtle skull ♀ (Erie) 5/19

Film 45

Turtle skull ♂ (Grant) camp.

Hisianaky 5/19/23

Film 46

Gardiner det.

5/22/23

Film 47

Gardiner det.

Film 48

Gardiner det.

Film 49

Nihoa

5/24/23

Film 50

Tantalus

6/6/23

Film 51

1-3 Tantalus

6/5/23

4-6 Bishop Mss.

6/7/23.

Film 52

Nihoa 6/11/23

1-3 Landing

4-6 Adams Bay

53

Nihoa 6/11

1. S. leucogaster yg.

2-3 S. proctor

4-6 Palms

54

Nihoa 6/11/23

1-6 platforms & palms.

55

Nihoa 6/11/23

1-6. 3 miles, platforms, palms

56

Nihoa 6/11/23

1-6 various

57

Nihoa 6/12/23

1. Egg of *P. cuneatus*2. " *Bulweria*

3 palms

4. Noddy

5-6 Frigate

58

Nihoa 6/12/23

1-5 scenery &

6. Noddy.

Film 59. Nihoa 6/12/23

1-6 misc.

Film 60

Nihoa 6/12/23

1-2 Camp.

3-4 *Procelsterna saxatilis*

5. " " " " " "

6/13/23

6. pali.

Film 61

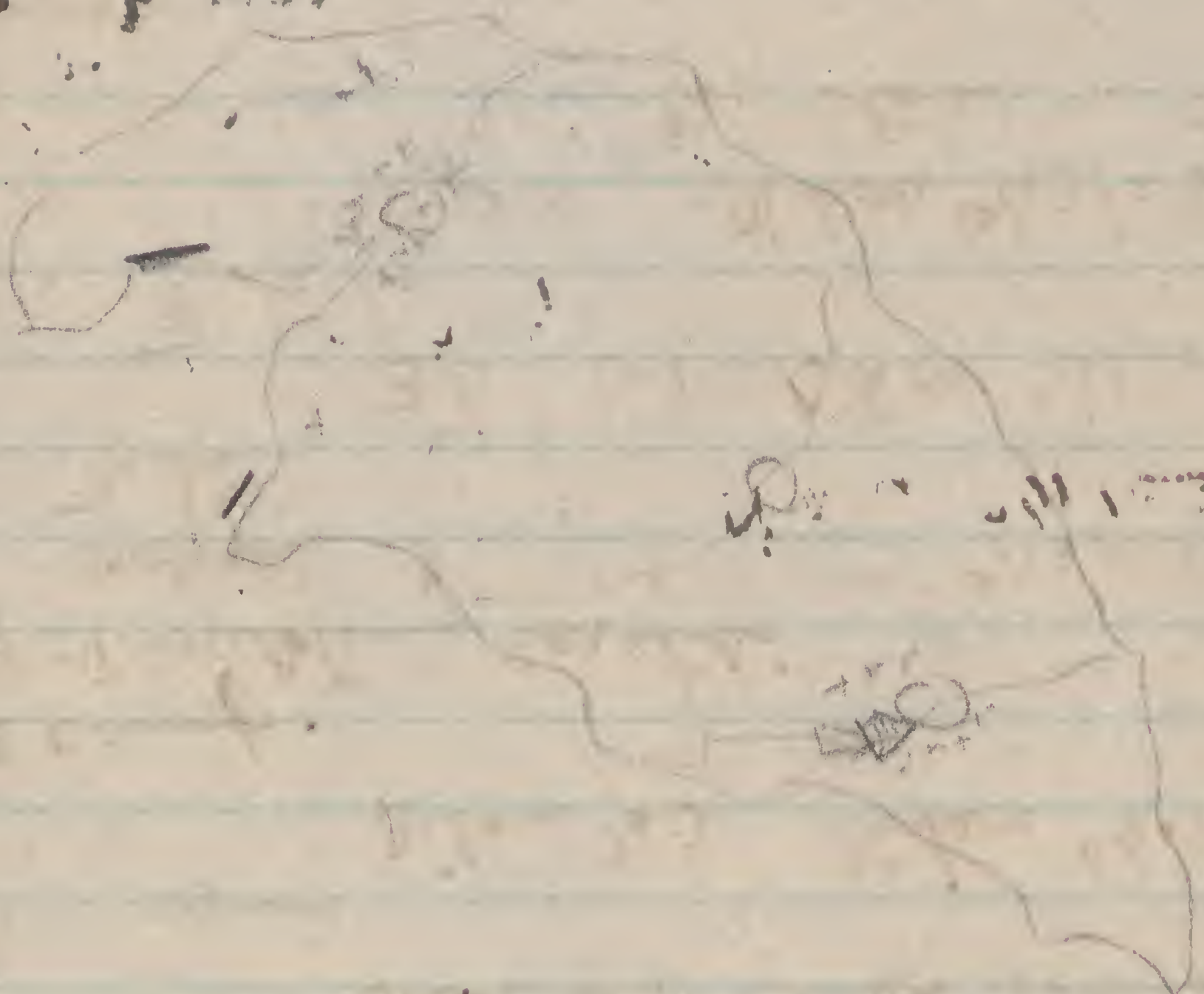
Nihoa 6/13/23

1-6 slopes.

62

Nihoa 6/13/23

1-6 scenery, Frigate, stones in old house.



Books.

Read, Geo. H. Last Cruise of the
Saginaw. Houghton, Mifflin, 1912
(Ocean Island.)

Film 63

Nihoa 6/13

3-5 Procelsterna

6 Jap. Camp

6/14

Film 64

Nihoa 6/14

1-2 Xmas Is Shearwater

3 yg S. fuscata

4 goony flat

5-6 Nihoa from Muller's Peak

Film 65 Nihoa 6/14

1-6 yg. Xmas Is Shearwater, Procelsterna
sarcelis.

Film 66 Necker 6/17

1-6 Landing etc.

Film 67 Necker 6/18

1-6 Heian

Film 68

do

1-6 yg. gray back, albatross etc.

Film 69

do

1. Heian

2. Bulweria egg

3. booby

4-6 yg gray back.

Film

70

do

1-5 yg. Sooty Tern, Heian, etc.

Film 71

Necker

1-3 Camp

6/18

4-6 S. piscator, Frigate

Film 72 Necker 6/19

1-6 Heian on second bill

Film 73

do

1-6 Heian - *D. immutabilis*

Film 74

do

1-6 Heian, yg. *S. leucogaster* etc.

Film 75

Necker 6/20

1-6 gygis

Film 76

do

1-6 Heians

D. nigripes

Film 77

do

1-6 Tropic Bird, *Bulwer's Petrel*

Film 78

1-6 yg Sooty etc.

do.

Film 79

Necker 6/21

4-6

Film 80

1-6

Necker 6/22

Film 81

F.F.S. 6/22

1-3

King Island

4-6

Round Islands

Film 82

King Id. 6/23

1-6

yg noddy, yg Tropic Bird

Film 83

1-6

camp. noddies

do.

Film 84

1-6

Noddies

do.

Film 85 King dd. 6/23/23
1-6 Noddy albatross
Film 86

1-2 Shearwaters King dd. Flash., 10 ft. 25 ft. 6/23
3-4 Anderson & turtle gin dd. 6/24
5-6 gin island "

Film 87
1. gin island. 6/24
2-6 Little gin island "

Film 88 Tern dd. 6/25
1-4 Drunkening, old camp.
5-6 89 Sooty Tern.

Film 89 do
1-5 Sooty tern
6. Blind noddy.

Film 90
1-3 Shark dd 6/25
4 Sooty terns Tern dd. 6/26
5 Noddy "
6. Anderson with mor. "

Film 91 Tern dd 6/26
1-6 camp etc.

Film 92. 6/26.
1-3 Trig island.
4-6 Terns. Trig. dd.

Film 93

6/26

1-2 Skate dd

3 whale dd.

do.

Film 94

1-5 Whale dd.

6/26..

6. Boobies.

" Tern dd.

Film 95

1-6 La Perouse Rock 6/27

Film 96

1-6. Nether dd. 6/29/23.

97-98

Kaula

7/1/23

99

Johnston 7/11/23

Rock ledge.

yggs

Bahuvia

100

Johnston 7/12/23

Frigate. bd,

yggs

Laysan alb.

S. proctori

nest

7/12

Sooty tern

102

Johnston

7/12

103

do

104

do

105

1-4 flashlights

7/12

5-6 bird bones

7/13

~~106.~~ 106. Johnston 7/13
1-6 Frigate birds, eroded rocks, rocky reef
107

1-5 Noddies etc.
6 eel. 7/14.

108
1 crowd at camp 7/14
2. Johnston Id. from Sand Id. 7/15
3. beach. Johnston:
5-6 yg. *P. nativitatis*

109. 7/15
1-2 Sand Id.
3. To show inward slope of beach strata.
4-5 shore
6. guano rock.
110 7/15

1-4
5-6 Johnston 7/16
111 Johnston 7/16

1-4 Sula leuco.

5-6 Noddy

112

1-6 Noddies

113

do.

1-6. Frigate bird, Tropic-bird

114

Johnston Id. 7/19/23.

115
Johnston dd. 7/20
Wake dd. 7/27

116
Wake dd. 7/27
" 7/30 Peale dd.

117
Wake dd. 7/30 "

118
do "

119
Wake dd. N. shore Peale dd. 7/30 "

120
Wake dd. Peale dd. 7/30

121
Wake. Wilkes dd 7/31

122
Shinn. do.

123
Wake. Wade dd. 8/1
Beach ridge, blubber, Townsfortia

124 do
eastern Point etc.

125
lagoon side Wake do.

126

Wake dd 8/2

N. side Wake.

127

1-5 N. side Wake, Camp etc. 8/2

6. S. side Wake 8/3

128 Wake. 8/3

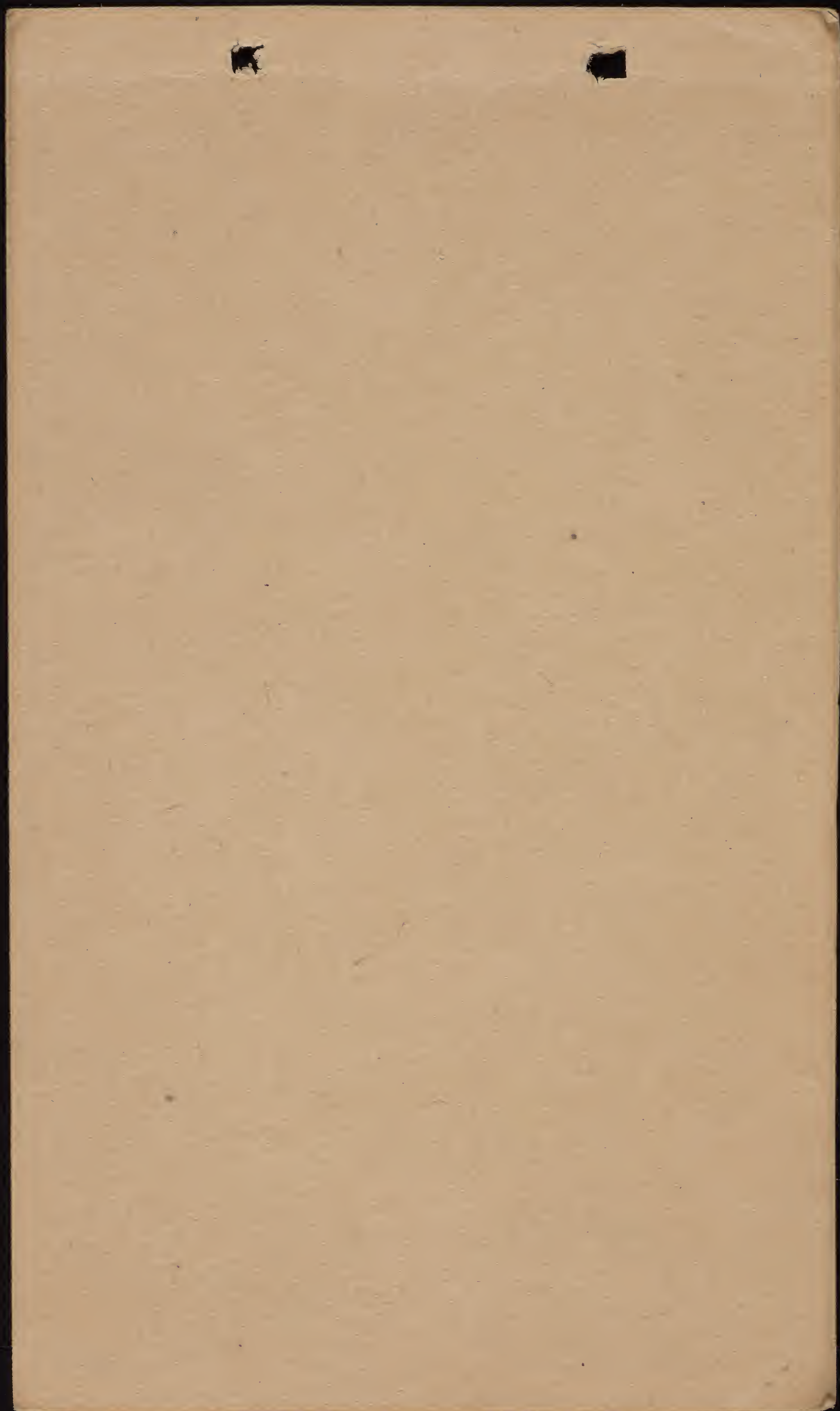
1-6. Sesuvium

129

1-6 Wake 8/3

130

1-6 Wake 8/3 8/4



P. T. Blogg. % Alpha Photo Engr. Co.

Howard & Fayette Sts, Baltimore, Md.

W. G. Wetmore, Box 331, Meridian, Miss.

J. W. S. collect % Nat. Mus.

Geo. A. Simmons 207 Penn. Ave. S. E.

Henry Barlow, 3100 16th St, N. W.

Edwin O. Heuser, % Nat. City Bank, Ba. As.

Chas. L. Fagan, A. D. #2, Box 58, Rahway, N. J.

Alfred Bailey } Colo. Museum

R. Niebrach } Denver, Colo.

R. B. Rockwell, 512 Calif. Bldg. Denver, Colo.

S. E. Piper % ^{305 Railroad Bldg.} Biological Survey, Denver

J. E. Law, 2370 Alta Vista Drive, Altadena, Calif.

Judge Wise, Hilo, Hawaii (^{marine game fish} & game comm. Calif.)

W. Milton Farrow, 715 M. St, West Palm Beach, Fla.

D. R. Dickey 514 Hester Ave., Pasadena

Wm. S. Fraser, % Commercial Pacific Cable Co.,

Honolulu, T. H.

^{little} ~~Don~~ Thaanum, box 2214, Honolulu, T. H.

Wm. Anderson, % Radio Corporation of America, Honolulu

Orme Cheatham, Kapaa, Kauai

Mrs. John Knipfer, 3453 Elliott St, Home Port

San Diego Co.

Eric Schummer 1160 Gulest Ave. Honolulu

Geo. D. Higgs, U. S. S. Hancock, Pearl Harbor.

Promises.

A. L. C. Atkinson, Room 601, Stangenwald Bldg, Honolulu wants a copy of Fishers Report on Birds.

C. S. Judd, Box 3199, Honolulu and him a copy of Bull. 326.

Dr. M. Cooke, % Bishop Museum photo of Nihoa Idg. 52-1, 2, 3; 61-6; 63-2

X Prof. H. S. Palmer, Univ. of Hawaii, Honolulu, T. H., set of fossil shark teeth from Calvert Miocene.

Send *Thaenium ligula* and *Ampullaria* from Fla.

Some birds for Cheatham.
Pictures etc

John B. Carroll, U.S.S. Tanaga, Pearl Harbor

E. J. Heil

R. Forsyth

J. Horton

Call officer in charge information Section, ^{Naval} Operations, Navy Dept and ask if they care to see photos from Expedition.

Publications on ducks for H. M. Whitney, % C. Brewer & Co, Honolulu

Name of paragon to Cassin

X Papers for Dickie.

Miller says that he has placed duplicates of ~~some~~ Miocene booky material from homoeo birds in Stanford and that

for you may give Nat Mus Impo.
Duckie does not have eggs of
Wedge-tail Shearwater, Noddy
Bulwer petrel,

X A.B. Howell wants copy of temp.

X paper
Law wants small insect
net ring & handle.

X Ask Barrett if he can stretch
possum skin 3 inches for Marvel.

Send Harry Harris a copy of
X Henshaw's Bds of Hawaiian I. & B.
X And a set of my papers. He wishes
X to join Biol. Soc. Wash. and will
probably wish membership to receive
Proceedings for current year.

Bunker wants following N.A. Fauna
3, 7, 15, 19, 20, 21, 23, 25,

X Martin wants me to tell Hay
about his large Bison larger than
occidentalis. Horizon a little uncertain
Also wants to be remembered to

X Springer crinoid man in Nat Mus.
X Chap wants my S.A. mammals
sent to Osgood if no one else is
working on them.

Photos wanted

Tharum	Palmer	Chatham
66-2	96a-5	81-6
66-6	97-6	86-6
68-2	96b-5	90-5
72-3	96b-6	93-4
74-5		94-2
76-4		94-6
76-5		97-1
76-6		97-2
80-4		97-6
80-6		98-1
80a-6		98-2
82-2		96b-6
82-3		109-4
82-5		129-5
86-6		124-4
88-5		
90-5		
91-1		
91-3		
93-4		
94-3		
94-6		
96a-2		
96a-3		
96a-4		

Express
To Biol. Survey,
Box film
2 alc. tanks
2 field charts

To Nat. Z. P.
1 bx crabs

To N.Y. Aquarium
1 bx crabs.

To Gilchrist
1 tent.

The
American
Museum of
Natural History

Central Park West at 79th Street New York, New York 10024 (212) 873-1300

Murphy



DEPARTMENT OF ORNITHOLOGY

Oct. 29, 1974

Dear Mr. Wetmore,

The attached sheets turned up in Mr. Murphy's files. I'm returning them to you to deal with as you see fit. They seemed to me to be an original catalogue of specimens and perhaps quite valuable.

Best regards,

Mary LeCroy

Cat. nos. 7588-7887 on the sheets

refer to Q.W. field catalog for 1923
of specimens collected in Hawaii in Hawaii

Cat. no. 245904

215184-245984 are not from U.S. Nat. Mus. Catalog.

[Possibly]

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY

Name and P. O. Address of Sender,

STOMACH BLANK—FOR THE REGISTRATION OF DATA CONCERNING STOMACHS, GIZZARDS, CROPS, GULLETS, INTESTINES, PELLETS, AND DROPPINGS SENT TO THE DEPARTMENT

BIOLOGICAL SURVEY NO. (LEAVE VACANT)		COLLECTOR'S NO.	NAME OF ANIMAL	SEX	DATE	HOUR	COLLECTOR	LOCALITY	CHARACTER OF PLACE WHERE KILLED	REMARKS
✓ 245904	Tag # 45		<i>Fulmarus glacialis</i>	♂	7/24/37		David Nutt	Melville Bay, Greenland	at sea.	(Lot #6a)
✓ 215184	24		<i>Puffinus obscurus</i>	—	5/21/06	7 AM	E. W. Gifford	5 mi. s.e. Duncan, Galapagos Ids.		
✓ 215166	6		" <i>s. subalaris</i>	—	4/28/06	—	"	Off s. Albemarle,	"	"
✓ 215174	14		" "	—	5/19/06	—	"	10 mi. s Charles,	"	"
✓ 215177	17		" "	—	4/24/06	7 AM	"	Off s.w. Albemarle,	"	"
✓ 215175	15		" <i>p. chlororhynchus</i>	—	10/8/06	—	"	14° 40' N, 109° 26' W.		
✓ 215160	2		<i>Pterodroma p. phaeopygia</i>	—	5/19/06	—	"	10 mi. s Charles, Galapagos Ids.		
✓ 215182	22		" "	—	5/9/06	3 PM	"	2° 23' S, 90° 03' W.		
✓ 215192	32		" "	—	5/8/06	2 PM	"	2° 29' S, 90° 04' W.		
✓ 215190	30		" <i>s. defilippiana</i>	—	11/14/06	—	"	33° 7' N, 134° 06' W.		
✓ 215168	8		" "	—	11/19/06	—	"	35° N, 134° 14' W.		
✓ 215189	29		" <i>s. brevipes</i>	—	6/11/06	—	R. H. Beck	4° 20' S, 93° 30' W.		
✓ 215172	12		<i>Oceanochroma leucorhoa</i>	—	11/19/06	—	R. H. Beck	35° 40' N, 133° 4' W.		
✓ 215169	9		" <i>castro</i>	—	5/8/06	2 PM	E. W. Gifford	2° 29' S, 90° 04' W.		
✓ 215188	28		" "	—	5/9/06	3 PM	"	2° 23' S, 90° 03' W.		
✓ 215178	18		<i>Procellaria tethys</i>	—	4/24/06	7 AM	"	Off s.w. Albemarle, Galapagos Ids.		
✓ 215176	16		" "	—	5/7/06	7 AM	"	2° 48' S, 90° 05' W.		
✓ 215187	27		" "	—	5/8/06	2 PM	"	2° 29' S, 90° 04' W.		
✓ 215165	5		" "	—	5/9/06	3 PM	"	2° 23' S, 90° 03' W.		
✓ 215179	19		" "	—	5/11/06	7 AM	"	S. of Galapagos Ids.		
✓ 215173	13		" "	—	6/18/06	—	R. H. Beck	2° 48' S, 91° 20' W.		
✓ 215191	31		" <i>parkmani</i>	—	6/18/06	—	"	"		
✓ 215170	10		" "	—	5/4/06	4 PM	"	15 mi. s.w. Charles, Galapagos Ids.		
✓ 215180	20		<i>Oceanites gracilis galapagoensis</i>	—	4/28/06	—	E. W. Gifford	Off s. Albemarle,	"	"
✓ 215171	"		<i>Fregetta grallaria</i>	—	6/11/06	—	R. H. Beck	4° 20' S, 93° 30' W.		

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BIOLOGICAL SURVEY NO. (LEAVE VACANT)	COLLECTOR'S NO.	NAME OF ANIMAL	SEX	DATE	HOUR	COLLECTOR	LOCALITY	CHARACTER OF PLACE WHERE KILLED	REMARKS
246069	641	Diomedea nigripes	M	5-26-41		Ralph H. Imler	Alaska, Baranof Is. Cape Ommaney		
215883	49	Diomedea albatrus	M	7-31-37		O. J. Murie	2 mi. off Ulak Id., Alaska		
215181	21	Diomedea immutabilis		11-2-37	6:00PM	E. W. Gifford	26° 51' N. 126° 52' W.		
211627	3626	Puffinus sp.	F	9-3-36		O. J. Murie	Kodiak, Alaska		
221940	3706	"	"	6-26-37		"	Little Sitkin Id. Alaska		
215862	28	Puffinus tenuirostris	M	6-30-37		V. B. Scheffer O. J. Murie	Rat Id. Alaska		
221970	3736	"	M	8-26-37		"	East Unalga Id, Alaska		
221979	3745	"	F	9-4-37		"	Uniniak Id., Alaska		
221980	3746	"	M	9-4-37		"	Uniniak Id., Alaska		
221981	3747	"	F	9-4-37		"	Uniniak Id., Alaska		
221982	3748	"	M	9-4-37		"	Uniniak Id., Alaska		
221983	3749	"	M	9-4-37		"	"		
221984	3750	"	M	9-4-37		"	"		
221985	3751	"	F	9-4-37		"	Uniniak Id., Alaska		
231581	H&G 17	"	F	7-22-40		I. N. Gabrielson	Uniniak Pass, Alaska		
231582	H&G 18	"	F	"		"	"		
231583	H&G 19	"	F	"		"	"		
231584	H&G 20	"	F	"		"	"		
246936	8	"	F	6-11-37		H. P. Gray	Alaska (Aleutians)	Agattu Island	
201843	7862	Puffinus griseus	M	8-24-34	A. L.	S. G. Jewett	Off DePoe Bay, Oregon	Open Ocean	
202635	9722	"	♂	8-3-35		Mosaline R. Walker	Netarts, Oregon		
202636	9723	"	"	8-3-35		"	"		
202637	9724	"	"	"		"	"		
202638	9725	"	♀	"		"	"		
202639	9726	"	"	"		"	"		
202643	9730	"	♂	8-6-35		"	Tillamook, Oregon		
202644	9731	"	"	8-6-35		"	"		
215183	23	"	"	11-19-37		E. W. Gifford	35° 40' N. 133° 14' W.		

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U. S. GOVERNMENT PRINTING OFFICE 8-9707									
BIOLOGICAL SURVEY NO. (LEAVE VACANT)	COLLECTOR'S NO.	NAME OF ANIMAL	SEX	DATE	HOUR	COLLECTOR	LOCALITY	CHARACTER OF PLACE WHERE KILLED	REMARKS
232342	6923	Puffinus griseus	♀	5-23-40	11:00AM	R. H. Beck	Monte Bay, California	- 1 mile off shore	
232343	6924	" "	♂	"	"	"	" "	" "	" "
232344	6925	" "	♂	"	"	"	" "	" "	" "
232345	6926	" "	♂	"	"	"	" "	" "	" "
232346	6927	" "	♀	"	"	"	" "	" "	" "
232347	6928	" "	♂	"	"	"	" "	" "	" "
232348	6929	" "	♂	"	"	"	" "	" "	" "
232349	6930	" "	♀	"	"	"	" "	" "	" "
232350	6931	" "	♂	"	"	"	" "	" "	" "
233997		Puffinus creatopus		9-19-40		Stanley G. Jewett	Depoe Bay, Oregon	Open Ocean	
245552	171	Puffinus gravis	♂	8-24-39		D. C. Nutt	Just off the coast of South East Greenland, Lat. 61°N.		
245553	171	" "	♂	"		"	" " " " " "	" " " "	" "
245580	2a	" "	♂	7-9-37	Tag # 20	David Nutt	At Sea Lat. 52° 47'N, Long. 55° W.		
245581	2b	" "	♂	7-9-37	Tag # 21	"	" " " " " "	" "	
215185	25	Pterodroma inexpectata		11-19-37		E. W. Gifford Peter D. Stenrel	35° 40'N., 133° 14'W.		
219534	1355	Fulmarus glacialis	♀	7-24-37	3:00PM	c/o A. C. Gross	Lady Job Harbor, Labrador	Mouth of Bay	
219535	1357	" "	♂	7-25-37		" "	" " " "	" " "	
219536	1358	" "	♂	"		" "	" " " "	" " "	
219537	1359	" "	"	7-25-37		" "	" " " "	" " "	
219538	1360	" "	♀	"		" "	" " " "	" " "	
219539	1361	" "	♀	"		" "	" " " "	" " "	
219540	1362	" "	♂	"		" "	" " " "	" " "	
219541	1363	" "	♀	7-25-37		" "	" " " "	" " "	
219542	1364	" "	"	"		" "	" " " "	" " "	
219546	1368	" "	♂	7-26-37	2:00PM	" "	" " " "	" " "	
219547	1369	" "	"	"	"	" "	" " " "	" " "	
219548	1370	" "	"	"	"	" "	" " " "	" " "	
219549	1371	" "	"	"	"	" "	" " " "	" " "	
219550	1372	" "	"	"	"	" "	" " " "	" " "	
219551	1373	" "	♀	"	"	" "	" " " "	" " "	

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BIOLOGICAL SURVEY NO. (LEAVE VACANT)	COLLECTOR'S NO.	NAME OF ANIMAL	SEX	DATE	HOUR	COLLECTOR	LOCALITY	CHARACTER OF PLACE WHERE KILLED	REMARKS
245805	13	Fulmarus glacialis	Ad♀	7-17-39		J. K. Howard	Denmark Strait. Lat. 64°N., Long. 33° 30'W.		
245806	13	" "	"	"		" " "	" " " "	" " " "	
245807	14	" "	Ad♀	"		D. C. Nutt	" " " "	" " " "	
245808	14	" "	Ad♂	"		" " "	" " " "	" " " "	
245811	18	" "	Ad♂	7-18-39		J. K. Howard	Denmark Strait		
245816	21	" "	"	7-19-39		" " "	" " Lat. 66°N., Long. 30°W.		
245900	4a	" "	♀	7-14-37	Tag # 36	David Nutt	55° 10' N. Lat. 58° 22' W. Long.		
245901	4b	" "	♂	7-24-37	Tag. 43	" "	Melville Bay, Greenland		
197866	9139	Fulmarus g. rodgersi	♂	1-4-33		Rosaline R. Walker	Netarts, Oregon		
202641	9728	" " "	♀	8-3-35		" " "	" "		
211566	3565	" " "	"	6-14-36		C. J. Murie	" Aleutians Alaska		
211567	3566	" " "	♂	6-15-36		" " "	Charulak Id, " "		
211568	3567	" " "	"	"		" " "	" " " "		
215186	26	" " "	"	11-19-37		E. W. Gifford	35° 40' N., 133° 14' W.		
221933	3699	Fulmarus g. rodgersi	♂	6-23-37		O. J. Murie	Secula Id. Alaska		
199398	9289	Oceanodroma furcata	♂ Juv.	7-10-33		Rosaline R. Walker	Netarts, Oregon		
199410	9301	" "	♂	"		" " "	" "		
202621	9705	" "	♀	7-17-35		" " "	" " Parrott Rock		
211474	184	" "	♂	7-23-36		C. S. Williams	Attu Is. Aleutian Ids. Alaska		
211490	201	" "	♀	8-26-36		" " "	Unga " " "		
211565	3564	" "	♂	6-14-36		O. J. Murie	Yunaska Id, Aleutians, Alaska		
211571	3570	" "	"	6-16-36		" " "	Amukta Id., Aleutians, Alaska		
211613	3612	" "	"	8-6-36		" " "	Gareloi Island, Aleutians, Alaska		
211614	3613	" "	♀	"		" " "	" " " "		
211617	3616	" "	"	8-25-36		" " "	Unga, Alaska		
211618	3617	" "	♂ im	"		" " "	" "		
215841	7	" "	♀	6-8-37		" " "	Attu Id. Alaska		
221906	3672	" "	♂	6-8-37		" " "	" " "		
221961	3727	" "	♀	"		" " "	Ipitkin Id, Alaska		

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BIOLOGICAL SURVEY NO. (LEAVE VACANT)	COLLECTOR'S NO.	NAME OF ANIMAL	SEX	DATE	HOUR	COLLECTOR	LOCALITY	CHARACTER OF PLACE WHERE KILLED	REMARKS
231367	1664	Oceanodroma furcata	♂	6-25-40		I. N. Gabrielson	Amutka Island, Alaska		
237550	B59	" "	"	6-24-41		Frank Dufresne	Tanaga Isl. Alaska		
221905	3671	Oceanodroma leucorhoa	♀	6-8-37		O. J. Murie	Attu Id. Alaska		
221913	3679	" "	♂	6-18-37		" " "	Buldir Id. Alaska		
221914	3680	" "	♀	6-18-37		" " "	" " "		
221915	3681	" "	♂	"		" " "	" " "		
224975	73	" "		8-31-37		John H. Steenis	Off Snake Id. Alaska		
237551	B60	" "	♀	7-28-41		Frank Dufresne	Amchitka Is. Alaska		
215842	8	Oceanodroma l. leucorhoa	♂	6-8-37		O. J. Murie	Attu Id. Alaska		
221935	3701	" " "	"	6-24-37		" " "	Davidof Id., Alaska		
195834		Oceanodroma l. beali	♀ nestling	7-7-30		R. A. Cumming	Queen Charlotte Is, B. C.		
199399	9290	" " "	♂	7-10-33		Rosaline R. Walker	Netarts, Oregon		
199400	9291	" " "	"	"		" "	"		
199401	9292	" " "	"	"		" "	"		
199402	9293	" " "	"	"		" "	"		
199403	9294	" " "	"	"		" "	"		
199404	9295	" " "	"	"		" "	"		
199405	9296	" " "	"	"		" "	"		
199406	9297	" " "	"	"		" "	"		
199407	9298	" " "	♀	"		" "	"		
199408	9299	" " "	"	"		" "	"		
199409	9300	" " "	"	"		" "	"		
199411	9302	" " "	♂	7-13-33		" "	Pacific City, Oregon	Haystack Rock	
199412	9303	" " "	♂	"		" "	" " "		
199413	9304	" " "	"	"		" "	" " "		
199414	9305	" " "	"	"		" "	" " "		
199415	9306	" " "	♀	"		" "	" " "		
199416	9307	" " "	"	"		" "	" " "		
199417	9308	" " "	"	"		" "	" " "		

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BIOLOGICAL SURVEY NO. (LEAVE VACANT)	COLLECTOR'S NO.	NAME OF ANIMAL	SEX	DATE	HOUR	COLLECTOR	LOCALITY	CHARACTER OF PLACE WHERE KILLED	REMARKS
199418	9309	Oceanodroma l. beali	♀	7-13-33		Rosaline R. Walker	Pacific City, Oregon		
199423	9315	" " "	♂	8-8-33		" " "	" " "		
199424	9316	" " "	♂ Juv	"		" " "	" " "		
202622	9706	" " "	♂	7-17-35		" " "	Netarts, Oregon	Parrot Rock	
202623	9707	" " "	"	"		" " "	" "	"	
202624	9708	" " "	"	"		" " "	" "	"	
202625	9709	" " "	♀	"		" " "	" "	"	
202626	9710	" " "	"	"		" " "	" "	"	
202627	9711	" " "	"	"		" " "	" "	"	
202628	9712	" " "	"	"		" " "	" "	"	
202629	9713	" " "	"	"		" " "	" "	"	
202630	9714	" " "	"	"		" " "	" "	"	
215167	7	Stercorarius pomarinus		11-14-37		E. W. Gifford	33° 7'N., 134° 6'W.		
237851	89	" "	♂	8-8-40		Capt. Robert A. Bartlett	Smith Bay, Ellismere Land, Greenland		
211427	137	Stercorarius parasiticus	♀	5-27-36		C. S. Williams	Ugashik River flats, Alaskan Peninsula, Alaska		
211582	3581	" "	♂	6-29-36		O. J. Larie	Kanaga Id. Aleutians Alaska		
211603	3602	" "	♀	7-26-36		" " "	Buldir Id. Aleutians, Alaska		
211605	3604	" "	♂	7-31-36		" " "	" " " "		
211606	3605	" "	♀	"		" " "	" " " "		
211607	3606	" "	♂	"		" " "	" " " "		
211610	3609	" "	♂	8-4-36		" " "	Karalca Island, Aleutians, Alaska		
221917	3683	" "	"	6-18-37		" " "	Buldir Id., Alaska		
221918	3684	" "	"	"		" " "	" " "		
221919	3685	" "	"	"		" " "	" " "		
221920	3686	" "	♀	"		" " "	" " "		
221921	3687	" "	♂	"		" " "	" " "		
221922	3688	" "	♀	"		" " "	" " "		
221929	3695	" "	♀	6-23-37		" " "	Segula Id., Alaska		
224927	20	" "	♂	6-18-37		John H. Steenis	Buldir Id., Alaska		

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231251	1546	Stercorarius parasiticus	♂	6-10-40		I. N. Gabrielson	Copper River Flats, Alaska		
231254	1549	" "	♀	"		" "	" " " "		
231290	1587	" "	♂	6-17-40		" "	Larsens Bay, Kodiak Island, Alaska		
231505	1805	" "	♂yg	7-23-40		" "	Kvichack River, Alaska		
245809	15	" "	ad♀	7-17-39		J. K. Howard	Denmark Strait, Lat. 64°N., Long. 33° 30'W.		
245810	15	" "	ad♀	"		" " "	" " " "	" " "	
245812	19	" "		"		D. C. Nutt	" " " "	" " "	
245813	19	" "		"		" " "	" " " "	" " "	
245948	68	" "	♀	8-12-37		David Nutt	Melville Bay, N. W. Greenland		
202250	A 63	Stercorarius longicaudus		7-34		I. W. Parnell	Ponds Inlet, Can. (Mackenzie)		
231461	1759	" "	♂yg	7-9-40		I. N. Gabrielson	St. Matthews Id., Alaska		
235969		" "	♂	7-14-41		C. E. Gillham	Chevak, Alaska		
235970		" "	juv.	"		" " "	" "		
235971		" "		7-14-41		" " "	" "		
235972		" "		7-10-41		" " "	" "		
235973		" "	♂	"		" " "	" "		
237850	87	" "	♂	8-8-40		Capt. Robert A. Bartlett	Kane Basin Greenland		
246722		" "	"	8-6-37		David Nutt	Ulrik's Bay, N. W. Greenland		
246723		" "	"	"		" "	" " " "		
246724		" "	♀	"		" "	" " " "		
246828	99	" "		8-8-39		D. C. Nutt	E. Greenland, Ice Pack, Koldemey Islands		
246829	99	" "		"		" " "	" " " "	" "	
245944	68	Catharacta skua	♀	8-12-37		David Nutt	Melville Bay, N. W. Greenland		

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				1923			<i>Hawaii</i>		
✓	6777	<i>Puffinus cuneatus</i>	♂ ad.	April 9		<i>A. Wetmore</i>	<i>Laysan Island</i>		
✓	8	"	♂ ad.	"					
✓	6781	<i>Fregata minor</i>	♀	April 10					
✓	2	"	?	"					
✓	3	"	♂ ad.	"					
✓	4	"	♀	"					
✓	5	"	♂	"					
✓	6	<i>Phaethon tahitiensis</i>	♀	"					
✓	7	"	"	"					
✓	8	<i>Anous stolidus plicatus</i>	♂ ad.	"					
✓	9	"	♀ ad.	"					
✓	6793	<i>Telespiza cantans</i>	?	"					
✓	3	<i>Diomedea immutabilis</i>	♂ ad.	April 11					
✓	4	"	"	"					
✓	5	"	"	"					
✓	6	"	♂ ad.	"					
✓	7	<i>Fregata minor</i>	"	"					
✓	9	<i>Phaethon tahitiensis</i>	♂	"					
✓	6800	"	♀	"					
✓	1	<i>Puffinus nativitatis</i>	♂ ad.	"					
✓	2	"	"	"					
✓	3	"	♂ ad.	"					
✓	4	"	♀ ad.	"					
✓	5	"	"	"					
✓	6	"	"	"					
✓	7	"	"	"					
✓	8	<i>Sterna lunata</i>	♂ ad.	"					
✓	9	"	♀ ad.	"					
✓	6810	"	"	"					
✓	11	"	"	"					

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no	✓✓ 6812	<i>Sterna lunata</i>	♂ ad.	1923 April 11		A. Wetmore	Laysan Island, Hawaii		
no	✓✓ 3	"	"						
no	✓✓ 4	<i>Puffinus cuneatus</i>	"						
no	✓✓ 6	"	♀ ad.						
no	✓✓ 7	"	♂ ad.						
no	✓✓ 8	"	♀ ad.						
no	✓✓ 9	"	♂ ad.						
no	✓✓ 6820	"	♀ ad.						
no	✓✓ 1	"	"						
no	✓✓ 2	<i>Arenaria interpres oahuensis</i>	♂	April 12					
no	✓✓ 3	"	"						
no	✓✓ 4	"	"						
no	✓✓ 5	<i>Pluvialis dominica fulva</i>	"						
no	✓✓ 6	<i>Sterna fuscata</i>	♂ ad.						
no	✓✓ 7	"	"						
no	✓✓ 8	"	"						
no	✓✓ 9	"	♀ ad.						
no	✓✓ 6830	"	♂ ad.						
no	✓✓ 1	<i>Puffinus cuneatus</i>	"						
no	✓✓ 2	"	♀ ad.						
no	✓✓ 3	<i>Diomedea nigripes</i>	"						
no	✓✓ 4	"	"						
no	✓✓ 5	"	"						
no	✓✓ 6	<i>Megaloptyx hawaiiensis</i>	♂ ad.	April 13					
no	✓✓ 7	"	"						
no	✓✓ 8	"	"						
no	✓✓ 9	"	"						
no	✓✓ 6840	"	"						
no	✓✓ 1	<i>Sterna lunata</i>	♀ ad.						
no	✓✓ 2	"	"						

(See 6820
to 6829
on page 30.)

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no 6 ✓	6844	<i>Sterna lunata</i>	♀ ad.	1923 April 13		A. Wetmore	Laysan Island, Hawaii		
no ✓	5	" "	"						
no ✓	6	" "	♂ ad.						
no ✓	7	" "	"						
no ✓	8	" "	"						
no ✓	9	" "	"						
no ✓	6850	" "	"						
no ✓	1	<i>Anous stolidus fuscatus</i>	♂						
no ✓	2	" "	"						
no ✓	3	" "	♀ ad.						
no ✓	4	" "	♂ ad.						
no ✓	6860	<i>Pluvialis dominica fulva</i>	♂	April 18			Necker Island, Hawaii		
no ✓	1	<i>Arenaria interpres oahuensis</i>	"						
no ✓	2	<i>Sula leucogastra</i>	♂ ad.						
no ✓	3	" "	"						
no ✓	4	" "	"						
no ✓	5	" "	"						
no ✓	6	" "	"						
no ✓	7	" "	♀ ad.						
no ✓	8	" "	"						
no ✓	9	" "	"						
no ✓	6870	<i>Pterodroma hypoleuca</i>	♂						
no ✓	1	" "	"						
no ✓	2	" "	♀						
no ✓	3	" "	♂						
no ✓	4	" "	"						
no ✓	5	" "	♀						
no ✓	6	" "	"						
no ✓	7	" "	"						
no ✓	8	" "	"						
no ✓	9	" "	"						
no ✓	6882	<i>Fregata minor</i>	♂ ad.	April 19					

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✓	6883	<i>Heteractitis incanum</i>	♀	1923 April 19		A. Wetmore	Ocean Island, Hawaii		
✓	4	<i>Crocethia alba</i>	♂	" "					
✓	5	<i>Megalopterus hawaiiensis</i>	♂ ad.	April 20					
✓	6	<i>Sterna lunata</i>	"						
✓	7	<i>Anous stolidus fuscatus</i>	"						
✓	8	<i>Phaethon rubricaudus</i>	♀ ad.						
✓	9	" "	"						
✓	6890	" "	"						
✓	1	" "	"						
✓	2	<i>Sula fuscator</i>	"						
✓	3	" "	"						
✓	4	" "	♂ ad.						
✓	6	<i>Pterodroma hypoleuca</i>	♂						
✓	7	" "	"						
✓	8	" "	"						
✓	9	" "	♀						
✓	6900	" "	♂						
✓	1	" "	♀						
✓	2	" "	"						
✓	4	<i>Acetrelata neglecta</i>	♂						
✓	5	<i>Puffinus cuneatus</i>	♂ ad.						
✓	6	" "	♀ ad.						
✓	7	" "	♂ ad.						
✓	8	" "	♀ ad.						
✓	9	<i>Sula fuscator</i>	"						
✓	6910	<i>Phaethon tahitiensis</i>	♂	April 21					
✓	6	<i>Sula cyanops</i>	♀ ad.						
✓	7	<i>Fregata minor</i>	♂ ad.						
✓	8	<i>Diomedea nigripes</i>	♀ ad.						
✓	6920	<i>Diomedea immutabilis</i>	♂ ad.						

~~See 6900-6909 pages 30. Cat.~~
See 6900-6909. Page 30. Cat.

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				1923					
m	✓ (692)	<i>Diomedea immutabilis</i>	♀ ad	April 21		A. Wetmore	Ocean ashore, Hawaii		
	✓	<i>Phaethon rubricaudatus</i>							
m	✓ (4)	<i>Pterodroma hypoleuca</i>	♀	April 22			Midway Island, Hawaii		
do	✓	<i>Porzanula palmeri</i>	♀ ad.	April 23					
do	✓	" "	"						
do	✓	" "	"						
do	✓	" "	♂ ad.						
m	✓ (693)	<i>Teleapryza cantans</i>	♀ ad.						
do	✓	" "	"						
do	✓	" "	♂ ad.						
do	✓	" "	"						
do	✓	" "	"						
do	✓	" "	"						
do	✓	" "	"						
do	✓	<i>Heteractitis incanous</i>	♂						
do	✓	<i>Gygis alba Kittlitz</i>	"						
do	✓	" "	"						
do	✓ (694)	<i>Megalopterus hawaiiensis</i>	"						
do	✓	<i>Anous stolidus fuscatus</i>	"						
do	✓	<i>Sterna lunata</i>	"						
do	✓	<i>Sterna fuscata</i>	"						
do	✓	<i>Phaethon tahitiensis</i>	♀						
do	✓ (695)	<i>Serinus serinus canarius</i>	♀ ad	April 24					Canaries have introduced here.
do	✓	<i>Pterodroma hypoleuca</i>	"						
do	✓	<i>Pluvialis d. fulva</i>	♂ ad						
do	✓	<i>Arenaria i. oahuensis</i>	"						
do	✓ (6956)	<i>Porzanula palmeri</i>	♂ ad.						
do	✓	<i>Diomedea nigripes</i>	"						
do	✓	" "	♀ ad						
do	✓ (696)	<i>Diomedea immutabilis</i>	♂ ad.						
do	✓	<i>Heteractis incanous</i>	"	April 26			Pearl and Hermes Reef, Hawaii		

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✓	6968	<i>Arenaria i. oahuensis</i>	♂	1923 April 26		A. Wetmore	Pearl and Hermes Reef, Hawaii		
✓	6969	<i>Sterna lunata</i>	♂ ad.						
✓	6970	"	"						
✓	1	<i>Sterna fuscata</i>	"						
✓	2	"	"						
✓	4	<i>Anous stolidus fuscatus</i>	"						
✓	5	<i>Phaeopus tahitiensis</i>	"						
✓	6	<i>Phaethon rubricaudus</i>	♂ ad.						
✓	7	<i>Diomedea immutabilis</i>	♂ ad.						
✓	8	<i>Fregata minor palmeri</i>	"						
✓	9	<i>Sula cyanops</i>	♂ ad.						
✓	6980	<i>Sula leucogastra</i>	"						
✓	1	<i>Sula fuscata</i>	"						
✓	2	<i>Puffinus cuneatus</i>	"						
✓	3	<i>Diomedea nigripes</i>	♂ ad.	April 27					
✓	4	<i>Phaethon rubricaudus</i>	♂ ad.						
✓	5	<i>Megascops hawaiiensis</i>	♂ ad.						
✓	6	"	"						
✓	7	<i>Pterodroma hypoleuca</i>	♂ ad.		missing				
✓	8	<i>Sterna lunata</i>	♂ ad.						
✓	9	<i>Diomedea nigripes</i>	"						
✓	6990	<i>Fregata minor</i>	♂ ad.						
✓	7006	<i>Phaeopus tahitiensis</i>	♂	April 30			Laysan Island		
✓	7	<i>Puffinus cuneatus</i>	♂ ad.	May 1					
✓	8	"	♂ ad.						
✓	7011	<i>Zelespiza cantans</i>	"						
✓	2	"	♂ ad.						
✓	7018	<i>Bulweria bulweri</i>	♂ ad.	May 2					
✓	9	"	♂ ad.						
✓	7020	"	"						

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m	✓ 7021	Bulweria bulweri	♂ ad	1923 May 2		A. Wetmore	Laysan Island, Hawaii		
m	✓ 3	"	♀ ad						
m	✓ 6	"	♂ ad.						
f	✓ 7031	Fregata minor	"						
f	✓ 2	"	"						
m	✓ 3	Diomedea nigripes	"	May 3					
m	✓ 4	"	"						
m	✓ 5	"	"						
m	✓ 6	"	"						
m	✓ 7	"	♀ ad.						
m	✓ 8	"	♀ yg						
m	✓ 9	Phaethon rubricaudus	♂ ad.						
m	✓ 7040	"	"						
m	✓ 1	"	"						
m	✓ 2	Sterna lunata	"						
m	✓ 5	"	"						
m	✓ 6	Gygis alba Kittlitz	"						
m	✓ 7	Bulweria bulweri	♀ ad.						
m	✓ 8	"	♂ ad.						
m	✓ 7051	Gygis alba Kittlitz	"	May 4					
m	✓ 2	Bulweria bulweri	"						
m	✓ 3	Sterna fuscata	"						
m	✓ 4	Sula piscator	♂ im.						
m	✓ 5	Sula cyanops	♂ ad.						
m	✓ 6	"	"						
f	✓ 7	Fregata minor	♂ im.						
f	✓ 8	"	"						
f	✓ 9	"	"						
f	✓ 7060	"	♂ im.						
f	✓ 1	"	♀ im.						

UNITED STATES DEPARTMENT OF AGRICULTURE,
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Name and P. O. Address of Sender,

A. Wetmore

STOMACH BLANK—FOR THE REGISTRATION OF DATA CONCERNING STOMACHS, GIZZARDS, CROPS, AND GULLETS SENT TO THE DEPARTMENT.

BIOLOGICAL SURVEY NO. (LEAVE VACANT.)	COLLECTOR'S NO.	NAME OF BIRD.	SEX.	DATE.	HOUR.	COLLECTOR.	LOCALITY.	CHARACTER OF PLACE WHERE KILLED.	REMARKS.
M ✓	7062	<i>Diomedea nigripes</i>	♀ yg	1923 May 4		A. Wetmore	Laysan Island, Hawaii		
M ✓	3	<i>Phaethon rubricaudus</i>	♂ ad.	" "					
M ✓	4	<i>Diomedea nigripes</i>	"	May 5					
M ✓	5	"	"						
M ✓	6	"	♀ ad.						
M ✓	8	"	♂ ad.						
M ✓	9	<i>Sula cyanoptera</i>	"						
M ✓	7070	"	"						
M ✓	1	<i>Sula piscator</i>	♂						
M ✓	2	<i>Phaethon rubricaudus</i>	♂ ad.						
M ✓	3	"	"						
M ✓	4	<i>Gygis alba Kittlitz</i>	"						
M ✓	5	"	"						
M ✓	6	<i>Telespyza cantans</i>	"						
M ✓	7	"	"						
M ✓	8	<i>Phaethon rubricaudus</i>	"						
M ✓	9	<i>Sula piscator</i>	♂	May 6					
M ✓	7080	"	♀						
M ✓	2	<i>Diomedea nigripes</i>	♂ ad.						
M ✓	4	"	"						
M ✓	5	<i>Gygis alba Kittlitz</i>	♀ ad.						
M ✓	6	<i>Telespyza cantans</i>	"						
M ✓	7092	<i>Diomedea immutabilis</i>	"						
M ✓	3	"	♂ ad.						
M ✓	4	<i>Pluvialis dominica fulva</i>	♂						
M ✓	5	<i>Pterodroma hypoleuca</i>	♀						
M ✓	6	<i>Puffinus cuneatus</i>	♂ ad.						
M ✓	8	<i>Anas laysanensis</i>	♀ ad.						
M ✓	9	"	"						
M ✓	7102	"	♂ ad.	May 7					

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m	✓	7103	Puffinus nativitatis	♂ ad	1923 May 7	A. Wetmore	Laysan Island, Hawaii		
m	✓	4	"	"	"				
m	✓	6	Bulweria bulweri	♂ ad.	"				
m	✓	7	"	"	"				
m	✓	8	Sula cyanops	♀ ad.	"				
no	✓	9	Telespyza cantans	"	"				
m	✓	7119	Sula piscator	♂ ad.	"				
m	✓	7120	"	"	"				
m	✓	1	"	♀ ad.	"				
no	✓	2	Gygis alba Kittlitz	"	"				
no	✓	3	"	♂ ad.	"				
no	✓	4	Telespyza cantans	"	"				
no	✓	5	"	♀ ad.	"				
m	✓	6	Puffinus cuneatus	♂ ad.	May 8				
m	✓	7	"	♀ ad.	"				
m	✓	8	Puffinus nativitatis	"	"				
m	✓	9	"	♂ ad.	"				
m	✓	7130	"	"	"				
m	✓	1	Puffinus cuneatus	♀ ad.	"				
m	✓	2	Diomedea nigripes	♂	"				
m	✓	3	"	♂ ad.	May 9				
m	✓	5	"	♀	"				
m	✓	6	Diomedea immutabilis	♀ ad.	"				
m	✓	7	Phaethon rubricaudus	♂ ad.	"				
m	✓	8	"	♀ ad.	"				
m	✓	9	Bulweria bulweri	"	"				
m	✓	7141	"	"	"				
m	✓	3	Sula piscator	♂ ad.	"				
m	✓	4	Sula cyanops	"	"				
m	✓	5	"	"	"				

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✓✓	7146	<i>Sula cyanops</i>	♀ ad.	1923 May 9		A. Wetmon	Laysan Island, Hawaii		
✓✓	8	<i>Anous stolidus pileatus</i>	♂ ad.	"					
✓✓	9	"	"	"					
✓✓	7150	"	"	"					
✓✓	1	<i>Sterna fuscata</i>	♀ ad.	"					
✓✓	3	"	♂ ad.	"					
✓✓	4	"	♀ ad.	"					
✓✓	5	<i>Sterna lunata</i>	"	"					
✓✓	6	"	♂ ad.	"					
✓✓	7	"	"	"					
✓✓	8	"	"	"					
✓✓	9	<i>Megalopterus hawaiiensis</i>	"	"					
✓✓	7160	"	"	"					
✓✓	1	"	♀ ad.	"					
✓✓	2	<i>Gygis alba Kittlitz</i>	♀ ad.	"					
✓✓	3	"	♂ ad.	"					
✓✓	4	<i>Leucopygia cantans</i>	♀	May 10					
✓✓	5	"	♀ ad.	"					
✓✓	6	<i>Gygis alba Kittlitz</i>	♂ ad.	"					
✓✓	7	<i>Sula piscator</i>	♀ ad.	"					
✓✓	8	"	♂ ad.	"					
✓✓	7170	<i>Diomedea immutabilis</i>	♀ yg.	May 11					
✓✓	1	<i>Puffinus nativitatis</i>	♂ ad.	May 11					
✓✓	2	"	♀ ad.	"					
✓✓	4	"	♂	"					
✓✓	5	"	"	"					
✓✓	6	"	"	"					
✓✓	7	"	"	"					
✓✓	8	<i>Phaeopus latitans</i>	"	"					
✓✓	7182	<i>Phaethon rubricaudus</i>	♂ ad.	"					

Dr. A. Wetmore, ² Hawaii

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✓	7183	<i>Phaethon rubricaudus</i>	♂ ad	1923 May 11		A. Wetmore	Laysan Island.		
✓	4	"	♀ ad						
✓	5	<i>Puffinus cuneatus</i>							
✓	6	<i>Sula cyanops</i>							
✓	7	"							
✓	8	<i>Megalepterus hawaiiensis</i>		May 12					30 hours old.
✓	9	"							
✓	7190	<i>Gygis alba Kittlitz</i>							
✓	1	"							
✓	2	<i>Teleopygia cantans</i>							
✓	3	"							
✓	4	"							
✓	5	<i>Sterna lunata</i>							
✓	6	<i>Sterna fuscata</i>							
✓	7	"							
✓	8	"							
✓	7204	<i>Sula piscator</i>		May 13					
✓	7207	<i>Sterna lunata</i>	Pyg.	May 16			Laysan Island.		
✓	8	<i>Heteractitis incanus</i>	♀ ad.						
✓	9	<i>Sula leucogastra</i>	♂						
✓	7211	<i>Puffinus cuneatus</i>	♀ ad.						
✓	2	"	"						
✓	3	"	"						
✓	7215	<i>Bulweria bulweri</i>	♀ ad.	May 17					
✓	6	"	"						
✓	7	<i>Puffinus cuneatus</i>	♂ ad.						
✓	8	"	"						
✓	9	<i>Phaethon rubricaudus</i>	"						
✓	7220	<i>Diomedea immutabilis</i>	♀ ad.						
✓	1	"	♂ ad.						

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7222	✓	<i>Diomedea nigripes</i>	♂ ad.	1923 May 17		A. Wetmore	Lisianski Island		
3	✓	<i>Anous stolidus fuscatus</i>	"						
4	✓	<i>Megalopterus hawaiiensis</i>	"						
5	✓	<i>Puffinus nativitatis</i>	"						
6	✓	<i>Fregata minor</i>	♂ ad.						
7	✓	<i>Sula cyanops</i>	♀ im.						
8	✓	<i>Puffinus nativitatis</i>	♂ ad.						
9	✓	<i>Bulweria bulweri</i>	"						
7231	✓	"	"						
2	✓	"	"						
3	✓	<i>Pterodroma hypoleuca</i>	♂						
4	✓	"	♀						
6	✓	"	♂						
7	✓	"	♀						
8	✓	<i>Sterna lunata</i>	♂ ad.						
9	✓	<i>Anous stolidus fuscatus</i>	♂ ad.						
7245	✓	<i>Sterna lunata</i>	"	May 18					
6	✓	"	"						
7	✓	<i>Sula cyanops</i>	"						
8	✓	"	"						
9	✓	<i>Diomedea nigripes</i>	"						
7250	✓	<i>Fregata minor</i>	"						
3	✓	<i>Diomedea nigripes</i>	♂	May 19					
4	✓	<i>Sula fuscata</i>	"						
5	✓	"	"						
6	✓	<i>Sula leucogaster</i>	"						
9	✓	<i>Puffinus cinnatus</i>	"						
7260	✓	"	"						
1	✓	"	♀						
3	✓	<i>Megalopterus hawaiiensis</i>	♂						

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B-H ✓✓	7264	<i>Heteractitis incanans</i>	♀	1923 May 19		<i>A. Wetmore</i>	<i>Lisianski Island, Hawaii</i>		
no ✓✓	5	<i>Sterna fuscata</i>	♂						
no ✓✓	6	"	♀ ad						
B-H ✓✓	7	<i>Phaeopus tahitiensis</i>	♀						
no ✓✓	8	<i>Diomedea immutabilis</i>	♂						
no ✓✓	7270	<i>Sula cyanoptera</i>	♀ ad	May 22			<i>Gardner Island, Hawaii</i>		
no ✓✓	1	"	"						
no ✓✓	2	<i>Fregata minor</i>	"						
no ✓✓	3	<i>Phaethon rubricaudus</i>	"						
no ✓✓	4	"	♂ ad.						
no ✓✓	5	"	♂ yg						
no ✓✓	6	<i>Puffinus cuneatus</i>	♂ ad.						
no ✓✓	7	<i>Anous stolidus pileatus</i>	♀ ad.						
no ✓✓	8	<i>Megaloptyx hawaiiensis</i>	♂ ad.						
no ✓✓	9	"	♀ ad.						
no ✓✓	7280	<i>Sterna fuscata</i>	"						
no ✓✓	1	"	♂ ad.						
no ✓✓	2	"	♀ ad.						
no ✓✓	3	<i>Sterna lunata</i>	♂ ad.						
no ✓✓	4	"	♀ ad.						
no ✓✓	5	<i>Gygis alba kitchingi</i>	"						
no ✓✓	6	"	♂ ad.						
no ✓✓	7	<i>Procelsterna saxatilis</i>	♀ ad.						
no ✓✓	8	"	"						
no ✓✓	9	"	♂ ad.						
no ✓✓	7290	<i>Arenaria interpres oahuensis</i>	♂						
no ✓✓	1	"	"						
no ✓✓	2	<i>Sterna lunata</i>	♂ ad.						
no ✓✓	3	<i>Munia risoria</i>	"	May 31			<i>Palo Alto Valley, Oahu, T.H.</i>		
no ✓✓	4	<i>Chasiempis gayi</i>	♀ ad.				"		

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7295	8	<i>Chasiempis gayi</i>	♂	May 31		A. Wetmore	Palolo Valley, Oahu, T. H.		
7300	1	<i>Trochalopecton canorum</i>	Imm.	June 5			Mt. Lanatus, Oahu, T. H.		
	2	<i>Trochalopecton canorum</i>	Ad.						
	5	<i>Telespiza ultima</i>	Ad.	June 11			Nihoa Island, Hawaii		
	6	"	Ad.						
	9	"	Imm.						
7310	1	"	Ad.						
	2	"	Imm.						
	3	"	"						
	4	"	"						
	5	<i>Conopodera</i> sp. nov.	Imm.						
	7	"	Imm.						
	8	"	Ad.						
	9	<i>Bulweria bulweri</i>	Ad.						
7320	1	<i>Puffinus cuneatus</i>	"						
	2	<i>Phaethon rubricaudus</i>	Ad.						
	3	<i>Conopodera</i> sp. nov.	Ad.	June 12					
	5	<i>Sterna fuscata</i>	Imm.						
	6	<i>Telespiza ultima</i>	Imm.						
	7	"	Imm.						
	8	"	Imm.						
	9	"	"						
7330	1	"	Imm.						
	2	"	Ad.						
	3	"	"						

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mo ✓	7334	<i>Telespiza ultima</i>	♂ ad.	1923 June 12		A. Wetmore	Nihoa Island, Hawaii		
mo ✓	5	"	♀ im.						
mo ✓	6	"	♂ im.						
mo ✓	7	"	♂ ad.						
mo ✓	9	<i>Procelsterna saxatilis</i>	♀ yg.						
mo ✓	7340		"						
mo ✓	7343		♂						
mo ✓	4		"						
mo ✓	6		"						
mo ✓	7		♀						
mo ✓	9		♀						
mo ✓	7350		♂ ad.						
mo ✓	1		♂						
mo ✓	2		♀						
mo ✓	3		♂						
mo ✓	5	<i>Anous stolidus pileatus</i>	♀ ad.						
mo ✓	6	"	"						
mo ✓	7	<i>Sterna lunata</i>	♂ ad.						
mo ✓	9	<i>Bulweria bulweri</i>	"						
mo ✓	7360	<i>Phaethon rubricaudus</i>	"						
mo ✓	1	<i>Sula piscator</i>	"						
mo ✓	3	<i>Procelsterna saxatilis</i>	♀						
mo ✓	4	<i>Diomedea nigripes</i>	♂						
mo ✓	5	<i>Puffinus nativitatis</i>	♂ ad.						
mo ✓	6	"	♀ ad.						
mo ✓	7	<i>Conopodas sp. nov.</i>	♂ ad.	June 13					
mo ✓	8	"	♂ im.						
mo ✓	9	"	♀ im.						
mo ✓	7370	"	♂ im.						
mo ✓	1	"	♂ ad.						

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7372	3	<i>Conopodera</i> sp. nov.	Imm.	1923 June 13		A. Wetmore	Nihoa Island, Hawaii		
7373	4	<i>Telespyza ultima</i>	Imm.						
7374	5		Imm.						
7375	6		Imm.						
7376	7		Imm.						
7377	8		Imm.						
7378	9		Imm.						
7379	1		Imm.						
7380	4	<i>Gygis alba Kittlitz</i>	Imm.						
7381	7	<i>Sterna fuscata</i>	Imm.						
7382	8	<i>Puffinus cuneatus</i>	Imm.						
7383	9	<i>Sula cyanops</i>	Imm.						
7384	1		Imm.						
7385	2	<i>Conopodera</i> sp. nov.	Imm.	June 14					
7386	3		Imm.						
7387	4		Imm.						
7388	5		Imm.						
7389	6	<i>Telespyza ultima</i>	Imm.						
7390	7		Imm.						
7391	8		Imm.						
7392	9		Imm.						
7393	1		Imm.						
7394	2		Imm.						
7395	3		Imm.						
7396	4		Imm.						
7397	5		Imm.						
7398	6	<i>Procelsterna saxatilis</i>	Imm.						

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✓	7407	<i>Procelsterna saxatilis</i>	♂	1923 June 14		A. Wetmore	Nihoa Island, Hawaii		
✓	8	"	"						
✓	7410	"	♀						
✓	1	"	♂						
✓	2	<i>Puffinus nativitatis</i>	♀ ad						
✓	3	"	Egg						
✓	4	<i>Sula leucogastra</i>	♂						
✓	5	<i>Fregata minor</i>	♂ ad.						
✓	6	"	♀ ad						
✓	7	<i>Teleospiza ultima</i>	♂ im.						
✓	7422	<i>Conopsea sp. nov.</i>	♂ ad.	June 15					
✓	3	<i>Teleospiza ultima</i>	"						
✓	4		"						
✓	5		♀ ad.						
✓	6		♀ im.						
✓	7		♂ im.						
✓	8		♀ im.						
✓	9		"						
✓	7430		♂ im.						
✓	1		♀ im.						
✓	2		♂ im.						
✓	3		"						
✓	4	<i>Sula leucogastra</i>	♂ ad.						
✓	5	<i>Procelsterna saxatilis</i>	Egg.						
✓	6		♂						
✓	7		"						
✓	8		♀						
✓	9		♂						
✓	7440		♀						
✓	1		♂						

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✓	7442	Procelsterna Saxatilis	♂	1922 June 15		A. Wetmore	Nihoa Island, Hawaii.		
✓	3	"	♀						
✓	4	"	"						
✓	5	"	♂						
✓	7447	Bulweria Bulweri	♀ ad.						
✓	8	Sterna lunata	"						
✓	9	Sterna fuscata	♀ ad.						
✓	7451	Phaethon rubricaudus	♀						
✓	2	Procelsterna Saxatilis	♂						
✓	3	Phaethon rubricaudus	♀ ad.	June 17			Necker Island, Hawaii		
✓	4	"	"						
✓	6	Diomedea immutabilis	♀ ad.	June 18					
✓	7	"	"						
✓	8	"	♀ ad.						
✓	9	"	"						
✓	7460	Fregata minor	♂						
✓	1	"	♀						
✓	2	Sula cyanops	♀ ad.						
✓	3	Puffinus cuneatus	♀ ad.						
✓	4	"	♀ ad.						
✓	5	Anous stolidus pileatus	"						
✓	6	Sterna fuscata	♀ ad.						
✓	7	"	♀ ad.						
✓	8	"	♂ yg.						
✓	9	"	"						
✓	7470	Sterna lunata	♀ ad.						
✓	1	"	♀ ad.						
✓	2	"	♂ yg.						
✓	3	Bulweria Bulweri	♀ ad.						
✓	4	"	"						

UNITED STATES DEPARTMENT OF AGRICULTURE,
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Name and P. O. Address of Sender,

A. Wetmore

STOMACH BLANK—FOR THE REGISTRATION OF DATA CONCERNING STOMACHS, GIZZARDS, CROPS, AND GULLETS SENT TO THE DEPARTMENT.

GOVERNMENT PRINTING OFFICE

BIOLOGICAL SURVEY NO. (LEAVE VACANT.)	COLLECTOR'S NO.	NAME OF BIRD.	SEX.	DATE.	HOUR.	COLLECTOR.	LOCALITY.	CHARACTER OF PLACE WHERE KILLED.	REMARKS.
				1923					
no ✓	7475	<i>Gygis alba Kittlitz</i>	♂ ad.	June 18		A. Wetmore	Necker Island, Hawaii		
no ✓	6	<i>Sula piscator</i>	♀ ad.	June 19					
no ✓	7	"	"						
no ✓	9	<i>Sula cyanops</i>	"						
no ✓	7480	<i>Sula leucogastra</i>	♂ ad.						
no ✓	2	<i>Procelsterna saxatilis</i>	♂						
no ✓	3		♀						
no ✓	4		"						
no ✓	5		♂						
no ✓	6		♀						
no ✓	7		♂						
no ✓	8		♀						
no ✓	9		"						
no ✓	7490		♂						
no ✓	1		♀						
no ✓	2		"						
no ✓	3		"						
no ✓	5	<i>Megalopterus hawaiiensis</i>	♂ ad.						
no ✓	6	"	"						
no ✓	7	<i>Anous stolidus pileatus</i>	♂ ad.						
no ✓	8	<i>Gygis alba Kittlitz</i>	♂ ad.						
no ✓	9	"	♀ yg.	June 20					
no ✓	7500	<i>Arenaria interpres caluensis</i>	♀						
no ✓	1	<i>Pluvialis dominica fulva</i>	♀						
no ✓	2	<i>Sterna lunata</i>	♂						
no ✓	3	"	♂ im.						
no ✓	4	<i>Sterna fuscata</i>	♂ ad.						
no ✓	5	<i>Megalopterus hawaiiensis</i>	♂ ad.						
no ✓	6	<i>Sula leucogastra</i>	"						
no ✓	9	<i>Procelsterna saxatilis</i>	♀						

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✓	7510	<i>Procelsterna saxatilis</i>	♂	1923 June 20		A. Wetmore	Necker Island, Hawaii		
✓	1		"						
✓	2		♀ ad.						
✓	3		♂						
✓	4		♀						
✓	5		"						
✓	6		"						
✓	7		♂						
✓	8		"						
✓	7520		"						
✓	1	<i>Puffinus cuneatus</i>	♀ ad.	June 22			French Frigate Shoal, Hawaii		
✓	2	"	"						
✓	3	"	"						
✓	4	"	♂ ad.						
✓	5	<i>Megalopterus hawaiiensis</i>	"						
✓	6	<i>Anous stolidus pileatus</i>	♀ ad.						
✓	7	<i>Phaethon taitiensis</i>	♀						
✓	8	"	♂						
✓	9	<i>Sula leucogastra</i>	♀ ad.						
✓	7530	<i>Diomedea nigripes</i>	"						
✓	1	<i>Arenaria interpres oahuensis</i>	♀						
✓	2	<i>Anous stolidus pileatus</i>	♀ yg.	June 23					
✓	4	"	♂ yg.						
✓	5	"	♂ ad.						
✓	6	"	"						
✓	7	<i>Phaethon rubricaudus</i>	"						
✓	8	<i>Sula cyanoptera</i>	♀ im.						
✓	9	"	♀ ad.						
✓	7541	<i>Diomedea immutabilis</i>	♂ ad.						
✓	3	<i>Sula piscator</i>	"	June 24					

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no ✓	7545	<i>Anous stolidus pileatus</i>	Pyg.	1923 June 24		A. Wetmore	French Frigates Shoal, Hawaii		
B-H ✓	6	<i>Phaeopus tatiliensis</i>		..					
B-H ✓	7	<i>Heteractitis incanous</i>	♀	June 25					
no ✓	8	<i>Bulweria bulweri</i>	♀ ad.						
no ✓	7550	<i>Anous stolidus pileatus</i>	Pyg.						
no ✓	1	"	♂ ad.						
no ✓	2	"	"						
no ✓	3	<i>Sterna fuscata</i>	Pyg.						
no ✓	5	"	"						
no ✓	7	"	♀ ad.						
no ✓	8	"	♂ ad.						
no ✓	9	"	♀ ad.						
no ✓	7560	"	♂ ad.						
no ✓	5	<i>Megascops hawaiiensis</i>	♀ ad.						
no ✓	6	"	♂ ad.						
no ✓	8	"	"						
B-H ✓	7572	<i>Arenaria interpres oahuensis</i>	♂						
no ✓	3	<i>Fregata minor</i>	♀ ad.	June 26					
no ✓	4	<i>Anous stolidus pileatus</i>	Pyg.						
no ✓	5	"	Pyg.						
no ✓	6	"	Pyg.						
no ✓	7	<i>Sterna fuscata</i>	♀ ad.						
no ✓	8	"	"						
no ✓	9	"	♂ ad.						
no ✓	7582	"	Pyg.						
no ✓	3	<i>Fregata minor</i>	♂ ad.						
no ✓	4	"	"						
no ✓	5	"	"						
no ✓	6	"	♀ ad.						
no ✓	7	<i>Phaethon rubricaudus</i>	"						

Dr. A. Wetmore. ² Hawaii

7183 - 7587 = 405

168299 - 168650

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B-H ✓	7588	<i>Heteractitis incanous</i>	♀	1923 June 26		A. Wetmore	French Frigate Shoal, Hawaii.		
M ✓	9	<i>Sterna lunata</i>	♀ ad.						
M ✓	7590	"	"						
M ✓	1	"	♀ yg.						
M ✓	2	<i>Anous stolidus fuscatus</i>	"						
M ✓	3	"	♂ yg.						
M ✓	4	"	"						
M ✓	5	<i>Procelsterna saxatilis</i>	♀	June 27					
M ✓	6	"	♀ ad.						
M ✓	7	"	"						
M ✓	8	<i>Gygis alba Kittlitz</i>	♂ ad.						
M ✓	9	"	♀ ad.						
M ✓	7601	<i>Bulweria bulweri</i>	♂ ad.						
M ✓	4	<i>Fregata minor</i>	♀ ad.	July 11			Johnston Island, Hawaii		
M ✓	5	"	"						
M ✓	6	"	"						
M ✓	7	"	"						
M ✓	8	"	♂ ad.						
M ✓	9	<i>Phaethon rubricaudus</i>	♀ ad.						
M ✓	7610	<i>Heteractitis incanous</i>	♀						
M ✓	2	<i>Bulweria bulweri</i>	♀ yg.						
M ✓	3	"	♂ yg.						
M ✓	4	<i>Sula cyanops</i>	♀ ad.						
M ✓	5	"	"						
M ✓	6	"	"						
M ✓	7	"	♂ ad.						
M ✓	8	"	♀ ad.						
M ✓	9	<i>Sula piscator</i>	♀						
M ✓	7620	"	"						
M ✓	1	"	"						

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7612 ✓	7612	<i>Sula piscator</i>	♀	1923 July 11		A. Wetmore	Johnston Island, Hawaii		
7613 ✓	3	"	♂						
7614 ✓	5	"	♀						
7615 ✓	6	"	♀						
no ✓	7	<i>Gygis alba Kittlitz</i>	Pad.						
no ✓	8	"	Pad.						
no ✓	9	"	♂ yg.						
7631 ✓	7631	<i>Sula cyanops</i>	♀	July 12					
7632 ✓	2	"	♀						
7633 ✓	4	"	Pad.						
7634 ✓	5	<i>Sula leucogastra</i>	Pad.						
7635 ✓	6	"	♀						
7636 ✓	7	"	Pad.						
7637 ✓	8	"	"						
7638 ✓	9	"	"						
7646 ✓	7646	<i>Fregata minor</i>	♂ ad.	July 13					
7647 ✓	7	"	"						
7648 ✓	8	"	"						
7650 ✓	7650	<i>Heteractitis incanosa</i>	♂						
no ✓	1	<i>Sterna lunata</i>	Pad.						
no ✓	2	<i>Procelsterna saxatilis</i>	"						
no ✓	3	"	"						
7658 ✓	4	<i>Sula cyanops</i>	♀						
7659 ✓	7658	<i>Sula piscator</i>	♂						
7660 ✓	9	"	♀						
7661 ✓	7661	<i>Sula leucogastra</i>	"						
7662 ✓	3	<i>Puffinus tenuirostris</i>	Pad.						
7663 ✓	4	"	♂						
no ✓	5	<i>Gygis alba Kittlitz</i>	Pad.						
no ✓	6	<i>Sterna lunata</i>	"						

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✓	7667	<i>Sterna lunata</i>	♂ ad.	1923 July 13		A. Wetmore	Johnston Island, Hawaii		
✓	8	<i>Puffinus nativitatis</i>	♂ yg.	July 14					
✓	7670	<i>Sterna fuscata</i>	♂ ad.	July 15					
✓	1	"	"						
✓	2	"	♀ ad.						
✓	3	"	"						
✓	4	<i>Puffinus cuneatus</i>	"						
✓	5	"	"						
✓	6	<i>Puffinus nativitatis</i>	♂ ad.						
✓	7	"	♀ ad.						
✓	8	<i>Phaethon rubricaudus</i>	♂ ad.						
✓	9	<i>Arenaria interpres ochropus</i>	♂						
✓	7680	<i>Pluvialis dominica fulva</i>	♀						
✓	3	<i>Anous stolidus fuscatus</i>	♂ ad.						
✓	4	"	♀ ad.						
✓	5	"	♂ ad.						
✓	6	"	"						
✓	7	"	"						
✓	8	<i>Sterna fuscata</i>	♀ ad.						
✓	9	"							
✓	7691	"	♂ im.						
✓	2	"	"						
✓	3	"	♀ im.						
✓	4	"	♂ im.						
✓	6	<i>Puffinus nativitatis</i>		July 16					
✓	8	"							
✓	9	"							
✓	7700	<i>Puffinus cuneatus</i>							
✓	1	"	♂ ad.						
✓	2	<i>Gygis alba Kittlitz</i>	♀ ad.						

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✓	7703	<i>Pygis alba Kittlitz</i>	♂ ad	1923 July 16		A. Wetmore	Johnston Island, Hawaii		
✓	4	<i>Bulweria bulweri</i>	•						
✓	5	"	♀ ad.						
✓	6	"	♂ ad.						
✓	7	"	"						
✓	8	"	♀ ad.						
✓	9	"	♂ ad.						
✓	7710	"	"						
✓	1	"	♀ ad.						
✓	5	<i>Sterna lunata</i>	♀ im.	July 17					
✓	6	"	♀ ad.						
✓	7	"	♂ ad.						
✓	8	"	"						
✓	7720	<i>Puffinus cumatus</i>	♀ ad.	July 18					
✓	1	"	"						
✓	2	<i>Puffinus nativitatis</i>	♂ ad.						
✓	3	"	♀ ad.						
✓	5	<i>Phaethon rubricauda</i>	♂						
✓	6	"	"						
✓	8	<i>Bula pacator</i>	"	July 28			Wake Island		
✓	9	"	"						
✓	7730	"	♀						
✓	1	"	♂ ad.						
✓	2	"	♀						
✓	3	<i>Fregata minor</i>	♀ ad.						
✓	6	<i>Hydrotaenidia wakensis</i>	♂ ad.						
✓	7	"	♀						
✓	9	"	♂ ad.						
✓	7740	"	♀ ad.						
✓	8	<i>Fregata minor</i>	♂	July 29					

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L ✓	7749	<i>Fregata minor</i>	♂	1923 July 29		A. Wetmore	Wake Island		
L ✓	7750	"	♀						
M ✓	1	<i>Sula leucogastra</i>	♂						
M ✓	2	<i>Sterna fuscata</i>	♀ ad.						
M ✓	3	"	"						
M ✓	4	"	♂ ad.						
M ✓	5	"	"						
L ✓	7763	<i>Hypotaenidia wakensis</i>	"						
M ✓	7770	<i>Phaethon rubricaudus</i>	♂	July 30					
M ✓	1	<i>Puffinus cuneatus</i>	"						
M ✓	2	"	"						
M ✓	3	"	"						
M ✓	4	"	"						
M ✓	6	"	♀ ad.						
M ✓	8	<i>Puffinus nativitatis</i>	"						
M ✓	9	<i>Pluvialis dominica fulva</i>	♀						
M ✓	7780	"	"						
L ✓	2	<i>Hypotaenidia wakensis</i>	♀ ad.						
L ✓	3	"	♂ ad.						
L ✓	4	"	"						
L ✓	5	"	♀ ad.						
L ✓	6	"	"						
L ✓	7	"	♂ ad.						
L ✓	8	"	♀ ad.						
M ✓	9	<i>Megascops hawaiiensis</i>	♂ ad.	July 31					
M ✓	7790	"	"						
M ✓	1	<i>Anous stolidus fuscatus</i>	"						
M ✓	2	"	♀ ad.						
M ✓	3	"	"						
M ✓	4	"	"						

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✓	7795	<i>Anous stolidus fuscatus</i>	♂ ad	1923 July 31		A. Wetmore	Wake Island.		
✓	6	"	♂ ad						
✓	8	<i>Sterna fuscata</i>	♂ ad						
✓	9	"	♂ ad						
✓	7800	"	"						
✓	1	<i>Sula piscator</i>	♀						
✓	2	<i>Sula leucogastra</i>	♂ ad.						
✓	3	<i>Fregata minor</i>	♂	Aug. 1					
✓	4	<i>Sula leucogastra</i>	♂ ad.						
✓	5	"	♂ ad.						
✓	6	"	♂ ad.						
✓	7	"	♀						
✓	8	<i>Phaeopus tubitiensis</i>	♂ ad.						
✓	9	<i>Arenaria interpres ochuensis</i>	♂						
✓	7810	<i>Sterna lunata</i>	♂ ad.						
✓	1	"	♂ ad.						
✓	2	<i>Megalopterus hawaiiensis</i>	"						
✓	3	"	"						
✓	4	<i>Hypotaenidia wakensis</i>	"						
✓	5	"	"						
✓	6	"	"						
✓	8	"	♂ ad.						
✓	9	"	♂ ad.						
✓	7820	"	♂ ad.						
✓	1	"	"						
✓	7830	<i>Hypotaenidia wakensis</i>	"	Aug. 2					
✓	1	"	"						
✓	2	"	♂ ad.						
✓	3	"	"						
✓	4	"	♂ ad.						

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2 ✓	7835	<i>Hypotaenidia wakanae</i>	♂ ad.	1923 Aug. 2		A. Wetmore	Wake Island.		
no ✓	7842	<i>Sterna lunata</i>	"						
no ✓	4	<i>Phaethon tahitiensis</i>	"						
m ✓	5	<i>Phaethon rubricaudus</i>	"						
m ✓	6	<i>Sula cyanops</i>	♂						
m ✓	8	"	♀						
2 ✓	7852	<i>Hypotaenidia wakanae</i>	♂ ad.	Aug. 3					
2 ✓	3	"	"						
2 ✓	5	"	"						
2 ✓	6	"	"						
2 ✓	7	"	"						
2 ✓	8	"	"						
2 ✓	9	"	"						
no ✓	7867	<i>Gygis alba Kittlitz</i>	♂ ad.						
no ✓	8	"	♂						
no ✓	9	"	"						
no ✓	7871	<i>Phaethon rubricaudus</i>	♂ ad.						
no ✓	3	"	♂ ad.						
no ✓	4	"	♂ ad.						
no ✓	6	<i>Gygis alba Kittlitz</i>	♂ ad.	Aug. 4					
no ✓	7	"	"						
no ✓	7881	<i>Megalopterus hawaiiensis</i>	♂ ad.						
no ✓	2	"	"						
no ✓	3	"	♂ ad.						
no ✓	4	"	♀ yg.						
no ✓	5	<i>Sterna fuscata</i>	♂ ad.						
no ✓	6	"	♂ ad.						
no ✓	7	"	"						
	7897								

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				1923					
	✓ 7409	<i>Procelsterna saxatilis</i>	♂	June 14		A. Wetmore	Nihoa Island, Hawaii		
	✓ 7494	<i>Heteractitis incanans</i>	"	" 19			Necker Island, "		
	✓ 7507	<i>Procelsterna saxatilis</i>	♀	" 20			"		
	✓ 7508	"	"	" "			"		
	✓ 7540	<i>Fregata minor</i>	♀ ad.	" 23			French Frigates Shoal, Hawaii		
	✓ 7556	<i>Sterna fuscata</i>	♀ yg.	" 25			"		
	✓ 7580	"	♂ ad.	" 26			"		
	✓ 7581	"	♀ yg.	" "			"		
	✓ 7624	<i>Sula piscator</i>	♀	July 11			Johnston Island, Hawaii		
	✓ 7633	<i>Sula cyanoptera</i>	♀ ad.	" 12			"		
	✓ 7640	<i>Sula leucogastra</i>	♂ ad.	" "			"		
	✓ 7643	"	"	" "			"		
	✓ 7669	<i>Puffinus nativitatis</i>	♀ yg.	July 14			"		
	✓ 7682	<i>Anous stolidus pibatus</i>	♂ ad.	" 15			"		
	✓ 7690	<i>Sterna fuscata</i>	♀ im.	" "			"		
	✓ 7695	"	"	" "			"		
	✓ 7697	<i>Puffinus nativitatis</i>	"	" 16			"		
	✓ 7775	<i>Puffinus cuneatus</i>	♀ ad.	July 30			Wake Island		
	✓ 7781	<i>Hypotaenidia wakensis</i>	"	" "			"		
	✓ 7797	<i>Anous stolidus pibatus</i>	♂ ad.	" 31			"		
	✓ 7817	<i>Hypotaenidia wakensis</i>	"	Aug. 1			"		
	✓ 7847	<i>Sula cyanoptera</i>	"	" 2			"		
	✓ 7854	<i>Hypotaenidia wakensis</i>	"	" 3			"		
	✓ 7872	<i>Puffinus rubricaudatus</i>	♀ ad.	" "			"		
	✓ 7875	<i>Gygis alba Kittletzi</i>	"	" 4			"		

UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF BIOLOGICAL SURVEY.

Name and P. O. Address of Sender,

A. Wetmore

STOMACH BLANK—FOR THE REGISTRATION OF DATA CONCERNING STOMACHS, GIZZARDS, CROPS, AND GULLETS SENT TO THE DEPARTMENT.

BIOLOGICAL SURVEY NO. (LEAVE VACANT.)	COLLECTOR'S NO.	NAME OF BIRD.	SEX.	DATE.	HOUR.	COLLECTOR.	LOCALITY.	CHARACTER OF PLACE WHERE KILLED.	REMARKS.
				1923					
711	✓ 6790	Diomedea nigripes	♀ ad	April 10		A. Wetmore	Laysan Island, Hawaii		
2	✓ 6798	Fregata minor	♂ ad	" 11			"		
no	✓ 6843	Sterna lunata	"	" 13			"		
no	✓ 6973	Anous stolidus pileatus	"	" 26			Pearl and Hermes Reef, Hawaii		
	6997	Bulweria bulweri	?	" 27			"		
B-H	✓ 7014	Heteractitis incanous	♂	May 2			Laysan Island, Hawaii		
711	✓ 7016	Bulweria bulweri	♂ ad	" "					
711	✓ 7017	"	"	" "					
	7025	missing	♀ ad	" "					
no	✓ 7043	Sterna lunata	♂ ad	" 3					
no	✓ 7044	Gygis alba	♀ ad	" "					
711	✓ 7081	Diomedea nigripes	♂ ad	" 6					
*	7100	Anas layanensis	♀ ad	" "					
711	✓ 7134	Diomedea nigripes	"	" 9					
711	✓ 7140	Bulweria bulweri	♂ ad	" "					
no	✓ 7152	Sterna fuscata	♀ ad	" "					
711	✓ 7169	Sula piscator	♂ ad	" 10					
711	✓ 7173	Puffinus nativitatis	♀ ad	" 11					
711	✓ 7210	Puffinus cuneatus	"	" 16			Laysan Island, Hawaii		
711	✓ 7230	Bulweria bulweri	"	" 17			"		
711	7255	Sula piscator	♂	" 19			"		
711	✓ 7258	Puffinus cuneatus	?	" "			"		
no	✓ 7296	Chasiempis gayi	?	" 31			Palo Alto Valley, Oahu, Hawaii		
no	✓ 7299	"	♂ ad	June 5			Maunaloa		
no	7334	Felospiza ultima	"	June 12			Nihoa Island, Hawaii		
no	7348	Procelsterna saxatilis	♂	" "			"		
no	✓ 7362	Sula piscator	♂ ad	" "			"		
no	✓ 7363	Gygis alba	"	" 13			"		
no	✓ 7386	Sterna fuscata	"	" "			"		

Dr. A. Wetmore Hawaii

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